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University of Massachusetts Boston

Summer @UMASS Boston

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(2005)

This bulletin contains everything you need to know in order to take advantage of the wide range of summer learning opportunities at UMass Boston. The table of contents can help you find answers to commonly asked questions, such as:

What courses can I take?

We have over 500 sections of graduate and undergraduate courses, with descriptions and schedule information starting on page 6. For information on eligibility and academic regulations, see pages 67-69.

How much will it cost?

Standard course fees are $145 per credit (undergraduate) and $160 per credit (graduate). That's $435 for a three-credit undergraduate course and $480 for a three-credit graduate course. There are some additional fees, and certain courses have a different fee structure. For full information on fees and payments, see page 65.

When and How can I register?

Registration starts Monday, April 3 for all courses. The complete Academic Calendar is on page 70. You can register by phone, mail, fax, or in person; full instructions are on page 71.

Where is UMass Boston?

Directions to the campus, and a campus map, can be found on pages 62-63. To see how far afield summer learning at UMass Boston can take you, check out some of the special summer programs on pages 2-5.

What if I have other questions?

If you can't find the answers in this bulletin, call us at 617.287.7900, email us at continuing.education@umb.edu, or check out our Web site at www.conted.umb.edu. We'll do our best to help.

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Haiti Today

MONTROUIS, HAITI
JULY 24–AUGUST 14

This summer the Africana Studies Department at UMass Boston will offer a program on location in Haiti. The program will explore the history, politics, culture, and economy of Haiti from both external and internal perspectives. It will facilitate an understanding of Haiti through total immersion into culture, environment, language, and the country's economic, political and social realities. Students will visit significant historical, cultural, and ecological sites in various towns including St. Marc and Cap Haitien. Additional activities will include presentations by local experts, participation in local cultural activities, and meetings with civic and political leaders.

Students are expected to attend two preparatory sessions at UMass Boston, read the assigned materials, and be prepared to participate in class discussions. The program fee is $1,795.

To apply, write or call:
Division of Continuing Education
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Field Research in Cultural Anthropology: Popular Markets in Mexico

CUERNAVACA, MEXICO
JUNE 5-JULY 1

In this five-credit program, students will be doing field research on the economic system of the state of Morelos in Mexico. The research will be centered in the marketplaces of the city of Cuernavaca and surrounding towns and villages.

Participants will receive training in anthropological field methods from an experienced anthropologist. They will learn how anthropologists conduct systematic research and how their findings are analyzed and recorded. They will then have the opportunity to apply these methods to a field project of their own design, working independently or in groups, under the instructor's supervision.

The program fee is $1,545.

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University of Massachusetts Boston
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Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Vietnam Today

HUE, VIETNAM
JULY 16–AUGUST 10

Vietnam is a fascinating country with a unique and vibrant society, shaped by the encounters of many peoples and cultures. The goal of this program, offered by the East Asian Studies Program, is to immerse participants in the totality of Vietnamese culture: sights and sounds, politics and economics, language and music, food and conversation. Material from the classroom will resonate as students observe firsthand its presence in the life of Vietnamese people. Through formal and informal instruction, as well as numerous field trips, students will gain a lively appreciation of the culture, language and politics of Vietnam.

Upon successful completion of the program, students receive three credits in East Asian Studies. It may also be possible, on an individual basis, to enroll for credit in Political Science.

The program fee of $1,645 includes instruction, field trips, housing, and all local transportation in Vietnam. The fee does not include insurance or transportation between the US and Vietnam.

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617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Ireland and Scotland Today

DUBLIN AND EDINBURGH
JULY 10-AUGUST 6

Offered by the Department of Political Science and the International Relations Program, this four-week program focuses on two major areas: (1) the politics, history and culture of Ireland—the Irish Republic as well as Northern Ireland (Ulster)—and its complexities as a divided island; and (2) the rapidly changing political situation in Scotland as a self-governing region of Great Britain.

By examining significant historical events, economic trends, cultural developments and political issues, the program will also give students a comprehensive picture of Ireland and of Scotland as two dynamic societies with diverse yet significant roles within the changing European Union.

The program fee is $2,895. This fee covers all instruction, field trips, housing, and all local transportation within Ireland and Scotland, including a visit to Belfast, Northern Ireland. It does not cover insurance or transportation between the United States and Ireland.

To apply, write or call:
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University of Massachusetts Boston
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617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Spanish and Culture in Mexico

CUERNAVACA, MEXICO
JUNE 5-JULY 10

This special program, offered by the Hispanic Studies Department each summer and winter in the beautiful city of Cuernavaca, Mexico, is for students interested in learning Spanish in a totally Hispanic cultural environment. The goal of the program is to develop proficiency in conversation and writing and an appreciation of Mexican culture through formal and informal instruction provided by experienced, native-speaking teachers. Participants can earn up to six credits in Spanish.

The program fee of $1,745 covers classroom instruction, materials, and program expenses including room, board, and transportation between Mexico City and Cuernavaca. It does not cover insurance or transportation between the United States and Mexico.

To apply, write or call:
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University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Certificate in Spanish/English Translation

UMASS BOSTON CAMPUS
MAY 30–AUGUST 24

This intensive twelve-week program is intended for bilingual (English-Spanish) speakers who wish to learn, improve or expand their knowledge and skills in oral or written translation.

The program comprises two six-credit courses and offers participants either a written translation or an oral translation track. All participants enroll in Span 408: Advanced Techniques and Skills for Translation. Participants continuing in the written translation track then enroll in Span 409: Advanced Practice of Written Translation; participants continuing in the oral translation track enroll in Span 410: Advanced Oral Translation.

A certificate of translation is awarded upon successful completion of both the course work and a comprehensive examination given by a department panel.

The fee for the 12-credit program is $1,990. The fee for one 6-credit course is $995. Courses meet 9:00am-12:00 noon Monday through Thursday.

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University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
Tel 617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Field School in Historical Archaeology

SHELTER ISLAND, N.Y.
JUNE 5–30

During the summer of 2000, the Center for Cultural and Environmental History of the University of Massachusetts Boston will sponsor an archaeological field school at Sylvester Manor on Shelter Island, New York. Established in 1651, Sylvester Manor has remained in the same family until the present day. It served as a provisioning plantation during the seventeenth century to support a sugar plantation in Barbados. At one time, the plantation encompassed the entire island and included African slaves.

Today, the circa-1730s manor house sits on some 300 acres and includes the remains of several nineteenth century outbuildings and a formal garden whose core may date to the seventeenth century. Last summer, preliminary investigations revealed what is believed to be the remains of the original manor house, several seventeenth century outbuildings, a portion of the early garden, and evidence of a late-prehistoric Native American occupation.

Field work will include a large-scale excavation of the early house site as well as further work along the waterfront investigating what appears to be a dairy and possible warehouse. Students will receive training in excavation and survey techniques, field recording, and mapping. They will also gain experience in the identification of Native American, Dutch and English material culture. This project represents one of the first systematic archaeological investigations of a northern plantation.

Successful participants will earn six graduate or undergraduate credits for the course Anth 485/585 Field Research in Archaeology.

The fee for this program is $1,525 (undergraduate) or $1,615 (graduate). These fees include all course and service fees plus housing and meals on Shelter Island; they do not include insurance or travel to and from Shelter Island.

For more information on the program, please contact Professor Stephen Mrozowski in the UMass Boston Anthropology Department at 617.287.6842.

To apply, please write or call:
Division of Continuing Education
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.7913
fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Marine Biology on Nantucket

NANTUCKET ISLAND
JUNE 19–AUGUST 18

Each summer the Biology Department offers two five-credit courses in marine biology at the UMass field station on Nantucket Island. A biologist's paradise, the station's 115-acre property consists of a pristine 45-acre saltmarsh, a freshwater pond, and a half mile of private beach and dunes, all supporting a rich and diverse population of marine and coastal life.

Biol 200 (Coastal Ecology; June 19–July 14) is an introduction to the biology of coastal habitats; lectures are complemented by specimen collection, field observation and laboratory work. Total cost, including fees, is $925.

Biol 346 (Maritime Ecology Research; July 17–August 18) is an upper-level course designed for biology majors. Under faculty supervision, students develop a research project, do field and laboratory work, and present their results. Total cost, including fees, is $925.

Housing at the field station is included in the course fees; students provide their own meals.

To apply, write or call:
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University of Massachusetts Boston
100 Morrissey Blvd.
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617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Note: Applicants are accepted separately for each of the two courses.

Exploring the Coastal Environment

NEW ENGLAND COAST
MAY 30–JULY 13

This six-week program seeks to develop an understanding of marine resources and oceanography through a combination of classroom studies and field activities focused on marine and coastal environments. Highlights of the program include a four-day field excursion to Nantucket Island and a seven-day research expedition aboard the schooner *Ernestina*, which will join in the Parade of Tall Ships into Boston Harbor, led by the U.S.S. *Constitution*, on July 11. Participants may earn up to nine undergraduate credits by meeting requirements for three UMass Boston courses, Intr-d Z104 (Into the Ocean World: Marine Studies Seminar), E&GSci L226 (Introduction to Oceanography), and E&GSci 227 (Marine Resources).

The program fee of $2,050 covers instruction and course materials, accommodations at the field station on Nantucket, and passage, meals, and all activities on board the *Ernestina*. The fee does not cover books, insurance, or travel to and from Nantucket.

To apply, write or call:
Division of Continuing Education
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

Playwriting and Performance on Nantucket

NANTUCKET ISLAND
JUNE 19–JULY 28

This nine-credit program, presented by the Division of Communication and Theatre Arts, consists of a three-course sequence in play analysis, performance techniques, rehearsal, and design. Participants have the opportunity to examine and develop their own scripts, translate dialogue into character development, and integrate elements of performance preparation and production design into their work. Each script is analyzed from the perspectives of the director, designer, and performer in order to illustrate what each member of a production team needs and how the author can most effectively convey his/her vision to those responsible for staging the work.

Housing is provided in comfortably furnished duplex apartments within walking distance of the historic town of Nantucket.

The program fee of $1,695 includes instruction and housing. A non-credit option is available by special permission.

To apply, write or call:
Division of Continuing Education
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.7913
Fax 617.287.7922
E-mail kathleen.fitzpatrick@umb.edu

American Studies Summer Institute

"POLITICS, CULTURE, AND THE PURSUIT OF POWER: PRESIDENTIAL ELECTIONS 1960-2000"
KENNEDY LIBRARY
JULY 10-21

Each year, the John F. Kennedy Library and UMass Boston invite schoolteachers and graduate students to take part in the American Studies Summer Institute, an intensive two-week program of lectures, discussions, and readings held at the library. This summer's program offers a critical examination of presidential elections in the United States. Sessions will be conducted under the direction of Paul Watanabe, professor in the department of political science at UMass Boston. Participants develop research papers or curriculum projects, and can earn three graduate credits.

The fee for this grant-supported three-credit program is $175. Enrollment is limited and selective.

For further information and application materials, write or call:

The Summer Institute
Educational Projects Division
John F. Kennedy Library
Boston, MA 02125
617 929-1211

The application deadline is June 1, 2000.

Haitian Creole Summer Institute

BOSTON CAMPUS
JUNE 26-JULY 20

The Haitian Creole Summer Institute has been offered in Massachusetts for the past fifteen years. Since the summer of 1995, the Institute has been conducted at UMass Boston under the joint collaboration of the Africana Studies Department, the Haitian Studies Project, and the Division of Continuing Education.

This year the Institute will have two components. There will be a four-week intensive program in different levels of Haitian Creole (fee: $510). Also offered is a course in techniques of translation for advanced students (fee: $560).

To register, use the registration form and instructions on page 58 and the following schedule numbers:

Haitian Creole I: 17411-50
Haitian Creole II: 17412-50
Haitian Creole III: 17413-50
Techniques of Haitian Creole Translation: 17821-50

For more information, write or call:

Prof. Marc Prou
Department of Africana Studies
University of Massachusetts Boston
100 Morrissey Blvd.
Boston, MA 02125-3393
617.287.6796

Boston Writing Project Summer Institute

BOSTON CAMPUS
JULY 10–AUGUST 3

The Boston Writing Project offers selected teachers—from kindergarten to college—a variety of opportunities to become better teachers of writing. Within all project activities, teachers examine the writing processes used by themselves, their colleagues, and their students; study current research, theory, and practice in the teaching of writing; and approach the teaching of writing in a cross-disciplinary context. Teachers perform daily writing assignments and meet in small groups to discuss and improve their own writing. They also make formal presentations on some aspect of the teaching of writing, hear staff and consultant presentations on key topics in the field, and read current publications on theory, research, and practice in the teaching of writing.

Teachers interested in enrolling should contact:

Institute for Learning and Teaching
Graduate College of Education
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617.287.7665

Summer Institute in Critical Thinking: Science, Education and Society

BOSTON CAMPUS
JULY 14-AUGUST 5

This Institute, consisting of courses, workshops and presentations given by innovative and inspiring teachers, aims to bring together educators, students, and other concerned citizens who want to enliven and enrich science education and, more broadly, people's understanding of the role of science and technology in society.

Students interested in enrolling in the Summer Institute or who would like to receive more information about this program or the Certificate in Critical and Creative Thinking should contact:

Critical and Creative Thinking Program
Graduate College of Education
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617.287.6520
E-mail: cct@umb.edu
website: omega.cc.umb.edu/~cct

IF YOU HAVE QUESTIONS...
...about your eligibility to enroll in UMass Boston summer courses, turn to page 67, "Academic Information."

Academic Skills

FUNDAMENTALS OF ALGEBRA **MATHSK 098**

A course for students who never studied algebra in high school, or who studied it long ago or ineffectively. Introduction to algebraic notation and concepts so that students will be successful in math, and in introductory physical and social science courses. Development of successful study and test-taking techniques. Algebraic expressions-simplification, combination, and evaluation; linear equations-solving, graphing, and using them to solve word problems; exponents, scientific notation, and proportions.
Prerequisite: Math Placement Test only.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-020, Mr Pawlak, Sched No 704480

Africana Studies

SPECIAL PROGRAM: HAITI TODAY

This program will explore Haitian history, politics, culture and economy from both external and internal perspectives. Participants can earn six credits.
For details, see page 2.

INTRODUCTION TO BLACK LITERATURE **BLKSTY 100**

This survey course examines the writings of some of the black Americans who have made unique contributions to the African-American literary tradition. The course explores these writings in terms of their socio-historical context, making use of analyses of character, plot, and symbolism. It gives particular attention to the writers' roles as social critics. Among the writers whose work may be considered are Frederick Douglass, Jean Toomer, Zora Neale Hurston, Richard Wright, Leroi Jones, Ernest Gaines, George Jackson, Alice Walker, and Toni Morrison.
Distribution Area: The Arts.
Diversity Area: International.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
M-2-616, Mr Okafor, Sched No 701253

BLACK SOCIAL MOVEMENTS **BLKSTY 108**

Concepts of social movements as well as the appearance of social movements among black Americans in the nineteenth century. Examination of twentieth century black social movements, especially Marcus Garvey's movement, the Nation of Islam, the Civil Rights movement, and the Black Power movement.
Prerequisite: A course in sociology, political science, or African-American history.
Distribution Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
M-2-616, Mr Van Der Meer, Sched No 709611

THE CIVIL RIGHTS MOVEMENT **BLKSTY 250**

This course examines the American civil rights movement as it developed during the period from 1954 to 1965, and as it changed during the period from 1966 to 1986. The course assesses the roles played by individuals, movements, governments, and political leaders in the process of social change.
Distribution Area: Historical and Cultural Studies.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-205, Mr Van Der Meer, Sched No 701267

THE BLACK IMAGE ON STAGE, SCREEN, AND TELEVISION **BLKSTY 270**

The evolution and development of black characters and caricatures as they have been represented in theatrical and screen presentations. The material surveyed includes seventeenth and eighteenth century figures such as Caliban and Oroonoko; nineteenth century black stereotypes in minstrelsy and in postbellum productions of Uncle Tom's Cabin; and twentieth century characters in stage, film, and television productions.
Prerequisites: Sophomore standing or permission of instructor.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-205, Mr Toure, Sched No 701281

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution Area: Historical and Cultural Studies.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-1-061, Mr Knapp, Sched No 707805

THE SIXTIES **AMST C206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution Area: Historical and Cultural Studies.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-047, Mr Atwood, Sched No 700224

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-061, Mr Goff, Sched No 700231

THE EIGHTIES **AMST 208**

This course will focus on the 1980s as a window on the distinct historical and cultural era from the mid-1970s through the present. Topics to be covered include: competing redefinitions of "public" and "public welfare," "family" and "family values," the increasing visibility of conservative movements, different experiences of change in work, the economy, and the cultural power of popular media.
Distribution Area: Historical and Cultural Studies.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-055, Mr Chassler, Sched No 707812

AMERICAN DREAMS/AMERICAN REALITIES: MEN AND WOMEN IN SOCIETY AND CULTURE 1600-1860 **AMST 210**

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and native Americans up through the Age of Reform (1830-1860). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.
Distribution Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-005, Ms Raub, Sched No 700329

ASIAN WOMEN IN THE UNITED STATES **AMST L228**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.
Prerequisite: AmSt L223 or AmSt L225 or permission of instructor.
Distribution Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-045, Ms Kim, Sched No 707798

TELEVISION IN AMERICAN LIFE **AMST 310**

The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, and public broadcasting cable system capabilities.
3 Credits

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-1-061, Ms Lindsey, Sched No 700343

THE KENNEDYS OF BOSTON **AMST 380**

This course provides a background on the Kennedys and their times. It analyzes some of the political and cultural processes of which the Kennedys were a part, and in particular traces the rise of the Kennedy family in the context of the Boston Irish. Audio-visual material is used where appropriate to examine the role played by the media, that is, print, film, and television, then and now, in forming popular images of the Kennedy family.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-012, Mr Danker, Sched No 700357

Anthropology

SPECIAL PROGRAM: FIELD RESEARCH IN CULTURAL ANTHROPOLOGY: POPULAR MARKETS IN MEXICO

This three-credit course provides an opportunity to study in the field of urban anthropology within the rich cultural context of the city of Cuernavaca.
See page 2.

SPECIAL PROGRAM: FIELD SCHOOL IN HISTORICAL ARCHAEOLOGY

This six-week, six-credit program based in Shelter Island, N.Y. can be taken for either undergraduate or graduate credit.
See page 3.

CULTURE AND HUMAN BEHAVIOR **ANTH C100**

Our own daily behavior is often taken for granted as rational or logical, while the behavior of other groups is often seen as "strange" and incomprehensible. Looked at closely, however, the apparently strange behavior of others may become more understandable, while our own behavior may seem less rational and less ordinary. Focusing comparatively on contemporary America and non-Western societies, this course examines selected human activities, such as eating, play and sport, and making a living. The aim is to learn how the concepts and methods of sociocultural anthropology, as one of the social and behavioral sciences, help us understand human behavior, both our own and that of people in other times and places.
Distribution Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-419, Mr Waters, Sched No 700413

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
M-2-419, Mr Waters, Sched No 700420

INTRODUCTION TO ARCHAEOLOGY AND BIOLOGICAL ANTHROPOLOGY **ANTH 102**

The study of the biological and cultural heritage of humans. Topics include primate and human evolution, evolution of prehistoric cultures, and human adaptation and variation.
Distribution Area: Natural Sciences.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
M-2-205, Ms Todd, Sched No 700483

INTRODUCTION TO CULTURAL ANTHROPOLOGY ANTH 103

The study of recent and contemporary human societies in cross-cultural perspective. Through the use of ethnographic accounts, the course analyzes and compares variations in processes of cultural change, and in cultural adaptations.
Note: Anth 102 is not a prerequisite to Anth 103.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-205, Mr Waters, Sched No 700497

PEOPLES AND CULTURES OF AFRICA ANTH C272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.
Distribution Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
M-2-205, Ms Worley, Sched No 707861

PEOPLES AND CULTURES OF MESOAMERICA (MEXICO AND GUATEMALA) ANTH C273

A survey of Mesoamerican ethnology including an introduction to cultural and linguistic regions through comparisons of ethnographic materials. Emphasis is placed on acculturation, during the colonial period, among indigenous and Spanish-speaking populations, and, in the contemporary period, on social change among rural and urban sectors.
Distribution Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
M-2-205, Ms Todd, Sched No 707875

ANTHROPOLOGY OF ART AND MUSIC ANTH Z280

This course will introduce students to the anthropological study of art, music, and aesthetics. We will consider such questions as: Why do all human societies develop some form of artistic and/or musical practice? What are the biological underpinnings of human artistic creativity? What are some of the various social and cultural purposes of art and music? How do social and cultural factors influence and shape the development of the arts within different societies? Exactly how and why do different cultures develop such different artistic sensibilities? What methods have anthropologists used in studying art and music within a comparative, cross-cultural perspective? The class will focus on musical and artistic examples selected from African, Native American, and European contexts.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-205, Mr Waters, Sched No 707819

SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY ANTH 367

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.
Prerequisites: Anth C100, or 103, and junior standing, or permission of instructor.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-205, Ms Worley, Sched No 707847

DNA AND BONES ANTH 480A

Recently there have been a number of announcements about the recovery of DNA from bones and teeth, including fossil bone that may be over seventy million years old. This course will examine the natures of DNA and bone, and their relationship to one another in both the present and in the fossil record. Various fossilization processes will be studied with the goal of determining how DNA might be preserved. Techniques for the extraction of DNA from non-fossilized, sub-fossil, and fossil bone will be discussed in class.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-116, Mr Gibbons, Sched No 700532

Art

THE LANGUAGE OF ART ART C100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-3-430, Ms Scollans, Sched No 700574

RENAISSANCE TO MODERN ART **ART 202**

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.
Distribution Area: The Arts.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
M-3-430, Ms Altvater, Sched No 700588

AMERICAN ART IN BOSTON **ART 252**

An historical survey of painting, sculpture, and architecture in Boston from the seventeenth to the early twentieth centuries. Emphasis is given to the principal theories and intellectual currents that shaped American art. Topics include an analysis of Puritan aesthetics, the search for an American style, eclecticism and diversity in the nineteenth century, and Boston impressionism.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
M-3-430, Ms Scollans, Sched No 700602

FILM ANALYSIS **ART 265**

Any thorough and systematic study of film, because of its essentially interdisciplinary nature, must address concerns and problems common to other forms of artistic expression such as literature, theater, painting, and photography. The particular approach taken in this course to the study of film offers an encounter with the works that goes beyond the conventional experience of theater and TV viewing and employs special methods of projection that permit detailed analysis by means of slow motion and still frame techniques. The films thus studied include examples of classic Hollywood, contemporary American, and foreign feature films, and the documentary. The course is not primarily historical in emphasis; rather, its concerns are the visual language of film, its use as the vehicle for narrative and theme, and major film types and styles. Special attention is given to the analysis and interpretation of sequences from the films studied in class.
Distribution Area: The Arts.
3 Credits
Lab fee: $30

AFTERNOON, SESSION II
July 18-Aug 24, TuWTh 1:30-4:30pm
M-3-407, Mr Hamel, Sched No 708022

DRAWING I **ART 281**

Basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION I
May 30-July 12, TuWTh 2:00-5:30pm
H-8-016, Ms Slavick, Sched No 700616

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuWTh 10:00am-1:30pm
H-8-016, Ms Hoppner, Sched No 707966

PHOTOGRAPHY I **ART 293**

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography.
Distribution Area: The Arts.
4 Credits
Lab fee: $45

AFTERNOON, SESSION I
May 30-July 12, TuWTh 1:00-5:00pm
H-8-015, Mr Herwaldt, Sched No 700630

LAB: AFTERNOON, SESSION I
June 2-July 10, MF 1:00-5:00pm
Sched No 700637

INTRODUCTION TO DIGITAL IMAGING **ART 297**

Introduces students to an informed and critically engaged art practice using digital imaging software tools in a Macintosh environment. The course serves as a basic introduction to Photoshop (a digital imaging program), Pagemaker (a page layout program), and Netscape (an Internet browser). Lab hours are required for successful completion of the course.
Prerequisite: One studio course or permission of instructor.
Distribution Area: The Arts.
4 Credits
Special course fee: $690

MORNING/AFTERNOON, SESSION I
May 30-June 29, MTuWTh 9:00am-1:00pm
H-UL-LAB A, Ms Wetmore, Sched No 700651

LAB: MORNING/AFTERNOON, SESSION I
June 2-23, F 9:00am-1:00pm
Sched No 700665

LAB: AFTERNOON, SESSION I
June 2-23, F 2:00-5:00pm
Sched No 707973

THE AMERICAN GANGSTER FILM **ART 360**

This course will examine the evolution of the American gangster film genre, from its "B-picture" roots in the early 1930s, through its decline at the hands of censors, to its rebirth as an "A-level" genre in the post-Vietnam era. Truncated at the height of its popularity in the early 1930s, the genre spent the better part of the next forty years in a consistent state of flux. Then in 1972, Francis Ford Coppola's *The Godfather* resurrected the genre, catapulting the gangster film to the forefront of American cinema. As we trace this evolution, we will grapple with different conceptualizations of "genre" and the importance of alternatively restrictive and empowering conventions. Beyond our exploration of how genres evolve and other stylistic and formal aspects of individual works, we will discuss gangster films as cultural artifacts that reflect the norms and values of American society in a historical context, often pointing to issues of race, ethnicity and gender. Possible films to be screened include works from early genre directors like Howard Hawks, Mervyn Leroy, and William Wellman, and their contemporary descendants like Brian DePalma, Martin Scorcese, Francis Ford Coppola, and John Huston.
3 Credits
Lab fee: $30

AFTERNOON, SESSION I
May 30-July 12, TuWTh 5:30-8:30pm
M-3-407, Mr Leone, Sched No 708008

PAINTING WORKSHOP:
PAINTING AS OBJECT AND PLACE **ART 383**

Paintings are essentially physical material "objects" that one encounters in a "place." This class will emphasize the physical "object" notion of painting and its presentation as a site of engagement. We will use this approach to stimulate exploration and possibility in our work. (Note: "object" does not equal still life, and "place" does not equal landscape.)
Prerequisites: Art 281 plus one additional 200-level art course or permission of instructor. To repeat Art 383, four art courses are prerequisite, including one in art history.
3 Credits

AFTERNOON, SESSION I
May 30-July 12, TuWTh 1:30-5:00pm
H-8-013, Mr DiBona, Sched No 700686

PHOTOGRAPHY WORKSHOP: BOOK FORMATS **ART 393W**

The summer workshop is a perfect time to concentrate on using photography, possibly with text, in book formats. We will start with the basic premise that photography is a visual language, so the central question is what you want to express with your images. The next question is how do the images support and amplify each other, then how do the format of the book and the design of the page add to your intention. Possible choices include handmade books (accordion and scrap), multiple copies (Xerox and laser prints), or dry mounted photographs with spiral binding. At least twelve rolls of film should be taken during the course and two books completed.
Prerequisites: Art 293 plus one additional 200-level art course or permission of instructor. To repeat Art 393, four art courses are prerequisite, including one in art history.
4 Credits
Lab fee: $55

AFTERNOON, SESSION II
July 18-Aug 24, TuWTh 1:00-5:00pm
H-8-025, Ms Shook, Sched No 707987

LAB: AFTERNOON, SESSION II
July 17-Aug 18, MF 1:00-5:00pm
Sched No 707994

Biochemistry

BIOCHEMISTRY I **BIOCHM 383**

In the first of a two semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis.
Prerequisites: Biol 210 or 212 and Chem 254, or permission of instructor.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
S-1-006, Mr Warner, Sched No 700882

Biology

SPECIAL PROGRAM: MARINE BIOLOGY ON NANTUCKET

Each summer the Biology Department offers two five-credit courses (Biol 200 and 346) at UMass Boston's field station at Quaise, Nantucket Island.
See page 4.

THE BASIS OF LIFE **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution Area: Natural Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-006, Mr Dean, Sched No 700896

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-1-006, Mr Bradley, Sched No 700903

INTRODUCTION TO NUTRITION **BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution Area: Natural Sciences.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-006, Mr Wilkes, Sched No 700924

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-1-004, Mr Bradley, Sched No 700917

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
S-1-006, Mr Toto, Sched No 700931

GENERAL BIOLOGY I **BIOL 111**

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $50

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-1-409, Ms Goranson, Sched No 700945

LAB: AFTERNOON, SESSION I
May 31-July 12, MW 12:00-3:00pm
Sched No 700959

LAB: AFTERNOON, SESSION I
May 31-July 12, MW 12:00-3:00pm
Sched No 700966

LECTURE: EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
S-1-006, Mr Hagar, Sched No 700952

LAB: EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
Sched No 700980

LAB: EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
Sched No 700987

GENERAL BIOLOGY II **BIOL 112**

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Prerequisite: Biol 111.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $50

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
M-1-409, Mr Toto, Sched No 701008

LAB: AFTERNOON, SESSION II
July 17-Aug 23, MW 12:00-3:00pm
Sched No 701022

LECTURE: EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
S-1-006, Ms Beaudette, Sched No 701015

LAB: EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
Sched No 701036

ANATOMY AND PHYSIOLOGY I **BIOL 207**

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required of nursing and human performance and fitness majors.
Prerequisite: Biol 111 or equivalent.
4 Credits
Lab fee: $50

LECTURE: MORNING, SESSION I
May 30-June 29, MTuWThF 8:00-10:00am
M-2-116, Mr Guimond, Sched No 701071

LAB: MORNING/AFTERNOON, SESSION I
May 31-June 28, MWF 10:15am-1:15pm
Sched No 701085

LAB: MORNING/AFTERNOON, SESSION I
May 30-June 29, TuThF 10:15am-1:15pm
Sched No 701092

LAB: AFTERNOON, SESSION I
May 31-June 28, MWF 1:30-4:30pm
Sched No 701078

ANATOMY AND PHYSIOLOGY II **BIOL 208**

Continuation of Biol 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required of nursing and human performance and fitness majors.
Prerequisite: Biol 207.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $50

LECTURE: MORNING, SESSION II
July 5-Aug 3, MTuWThF 8:00-10:00am
M-2-116, Ms Joyce-Bird, Sched No 701106

LAB: MORNING/AFTERNOON, SESSION II
July 5-Aug 2, MWF 10:15am-1:15pm
Sched No 701127

LAB: MORNING/AFTERNOON, SESSION II
July 6-Aug 3, TuThF 10:15am-1:15pm
Sched No 701120

LAB: AFTERNOON, SESSION II
July 5-Aug 2, MWF 1:30-4:30pm
Sched No 701113

MEDICAL MICROBIOLOGY **BIOL 209**

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals; and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods. For nursing majors. Biology majors should take Biol 334 for microbiology.
Prerequisites: Biol 111; Chem 103 and 104, or Chem 107 or 108, or equivalent.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-1-006, Mr Plate, Sched No 701141

LAB: MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 11:45am-2:45pm
Sched No 701155

LAB: MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 11:45am-2:45pm
Sched No 701162

LECTURE: EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-006, Mr Plate, Sched No 708043

LAB: AFTERNOON, SESSION II
July 17-Aug 23, MW 2:00-5:00pm
Sched No 701169

LAB: EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
Sched No 701176

MOLECULAR BIOLOGY **BIOL 372**

The molecular biology and biochemistry of gene expression in procaryotes and eucaryotes. Topics include DNA structure/physical biochemistry, recombinant DNA technology, techniques in research, DNA synthesis, RNA synthesis, protein synthesis, operons, chromatin structure and gene regulation, oncogenes, hormones and growth factors and signal transduction, transposons, mutagenesis and repair, flowering, photosynthesis, development, circadian rhythms, etc.
Prerequisites: Biol 383, or permission of instructor
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-3-066, Mr Ackerman, Sched No 701225

Chemistry

CHEMICAL PRINCIPLES I **CHEM 103**

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. Laboratory work presents an introduction to methods of quantitative chemical techniques. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
S-1-006, Mr Carter, Sched No 701365

LAB: AFTERNOON, SESSION I
May 31-July 12, MW 12:30-3:30pm
Sched No 701379

LAB: AFTERNOON, SESSION I
May 30-July 11, TuTh 12:30-3:30pm
Sched No 701386

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 31-July 12, W 11:30am-12:20pm
Sched No 701407

DISCUSSION: MORNING/AFTERNOON, SESSION I
June 1-July 6, Th 11:30am-12:20pm
Sched No 701421

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 30-July 11, Tu 11:30am-12:20pm
Sched No 701400

LECTURE: EVENING, SESSION I
May 30-July 12, MTuWTh 5:30-7:00pm
Snowden Aud, Staff, Sched No 701372

LAB: EVENING, SESSION I
May 30-July 11, TuTh 7:00-10:00pm
Sched No 701393

DISCUSSION: EVENING, SESSION I
May 31-July 12, W 7:00-7:50pm
Sched No 701414

CHEMICAL PRINCIPLES II — CHEM 104

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Prerequisite: Chem 103.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
S-1-006, Mr Carter, Sched No 701435

LAB: AFTERNOON, SESSION II
July 18-Aug 24, TuTh 12:30-3:30pm
Sched No 701456

LAB: AFTERNOON, SESSION II
July 17-Aug 23, MW 12:30-3:30pm
Sched No 701449

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 20-Aug 24, Th 11:30am-12:20pm
Sched No 701491

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 18-Aug 22, Tu 11:30am-12:20pm
Sched No 701470

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 19-Aug 23, W 11:30am-12:20pm
Sched No 701477

LECTURE: EVENING, SESSION II
July 17-Aug 24, MTuWTh 5:30-7:00pm
Snowden Aud, Mr Carter, Sched No 701442

LAB: EVENING, SESSION II
July 18-Aug 24, TuTh 7:00-10:00pm
Sched No 701463

DISCUSSION: EVENING, SESSION II
July 19-Aug 23, W 7:00-7:50pm
Sched No 701484

INTRODUCTION TO CHEMISTRY I — CHEM 107

A survey of the theoretical principles of general inorganic chemistry. Topics include atomic and molecular structure, bonding, chemical reactions, solution, pH, stoichiometry, and radiochemistry. This course is intended for students of nursing.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65.

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 9:00-10:30am
S-2-066, Staff, Sched No 701505

LAB: MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:30am-12:30pm
Sched No 701512

DISCUSSION: MORNING, SESSION I
June 1-July 6, Th 10:30-11:20am
Sched No 701519

INTRODUCTION TO CHEMISTRY II — CHEM 108

A brief survey of organic and biological chemistry. Topics include structure, nomenclature, and the nature of organic compounds. Emphasis is on preparation for biological applications. Carbohydrates, lipids, proteins, and nucleic acids are introduced. The structures and metabolism of important biochemical molecules are considered. This course is intended for students of nursing.
Prerequisite: Chem 107.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 9:00-10:30am
S-2-066, Mr Cerny, Sched No 701533

DISCUSSION: MORNING, SESSION II
July 20-Aug 24, Th 10:30-11:20am
Sched No 701547

LAB: MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:30am-12:30pm
Sched No 701540

ORGANIC CHEMISTRY I — CHEM 253

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods.
Prerequisite: Chem 104.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
Snowden Aud, Mr Cerny, Sched No 701561

LAB: AFTERNOON, SESSION I
May 30-July 11, TuTh 12:30-3:30pm
Sched No 701568

LAB: AFTERNOON, SESSION I
May 31-July 12, MW 12:30-3:30pm
Sched No 701575

DISCUSSION: MORNING/AFTERNOON, SESSION I
May 30-July 11, Tu 11:30am-12:20pm
Sched No 701589

DISCUSSION: MORNING/AFTERNOON, SESSION I
June 1-July 6, Th 11:30am-12:20pm
Sched No 701596

DISCUSSION: MORNING/AFTERNOON, SESSION I
June 6-July 9, M 11:30am-12:20pm
Sched No 701582

ORGANIC CHEMISTRY II **CHEM 254**

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification, and identification of organic compounds by classical and instrumental methods.
Prerequisite: Chem 253.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $65

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
Snowden Aud, Ms Schwartz, Sched No 701610

LAB: AFTERNOON, SESSION II
July 18-Aug 24, TuTh 12:30-3:30pm
Sched No 701617

LAB: AFTERNOON, SESSION II
July 17-Aug 23, MW 12:30-3:30pm
Sched No 701624

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 20-Aug 24, Th 11:30am-12:20pm
Sched No 701645

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 17-Aug 21, M 11:30am-12:20pm
Sched No 701631

DISCUSSION: MORNING/AFTERNOON, SESSION II
July 18-Aug 22, Tu 11:30am-12:20pm
Sched No 701638

Chinese

ELEMENTARY CHINESE I **CHINSE 101**

For students with no previous training in Chinese. Introduction to pronunciation (Mandarin), grammar, conversation, Chinese characters and the pinyin romanization system.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-1-417, Staff, Sched No 701659

ELEMENTARY CHINESE II **CHINSE 102**

A continuation of Chinse 101. Grammar, pronunciation, conversation, and character recognition.
Prerequisite: Chinse 101 or equivalent.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
M-1-417, Staff, Sched No 701673

Classics

GREEK AND ROMAN MYTHOLOGY **CLSICS 284**

The analysis, background, and lasting influence of Greek and Roman myths. Some consideration of the ancients' beliefs-about divinity, worship and ritual practices. Both primary (ancient authors) and secondary (modern) sources are used.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-3-407, Ms Levitan, Sched No 701701

Computer Science

AN INTRODUCTION TO COMPUTING (JAVA) **CS 110**

An introduction to computer programming-the concepts involved in the use of a higher level language and the program development process. The goal of this course is proficiency in the design and implementation of programs of significant size and complexity. This course is quite demanding because of the length and complexity of the programming exercises assigned. This is the first course in the computer science sequence. CS 110 is taught using the programming language Java. Note: Credit toward a UMass Boston degree may be awarded for only one elementary programming course. No credit will be given for CS 110 to a student who has already completed (or is currently taking) a similar course. For instance, a student who has received the equivalent of CS 110 as a transfer credit cannot take CS 110 for credit here. Students who are barred from receiving credit from CS 110, but who are not fully prepared for CS 210, should request permission to take CS 119 as a means of remedying this deficiency.
Prerequisite: A suitable score on the mathematics diagnostic test. Students who have taken Math 140 need not take the mathematics diagnostic test.
Distribution Area: Mathematics and Computer Languages.
4 Credits
Special course fee: $615
Lab fee: $40

MORNING, SESSION I
May 30-July 27, MTuTh 10:00-11:30am
W-1-009, Mr Rinfret, Sched No 702219

EVENING, SESSION I
May 30-July 27, MTuTh 7:45-9:15pm
S-2-062, Staff, Sched No 702226

INTERMEDIATE COMPUTING WITH DATA STRUCTURES **CS 210**

The design and implementation of computer programs in a higher level language, with emphasis on proper design principles and advanced programming concepts, including dynamic data structures and recursion. Efficient design, implementation and debugging techniques are stressed. The assignments are designed to introduce the student to a variety of topics in computing: data structures and ADTs, Lists, Stacks, Queues, Ordered Lists, Binary Trees, and searching and sorting techniques. The language of instruction is Java.
Prerequisite: Fluency in Java, established by the successful completion of CS 110 or permission of the instructor.
Distribution Area: Mathematics and Computer Languages.
4 Credits
Special course fee: $615
Lab fee: $40

MORNING, SESSION I
May 30-July 27, MTuTh 8:15-9:45am
W-1-009, Mr Cristofor, Sched No 702254

PROGRAMMING IN C **CS 240**

C programming for students with prior knowledge of some high-level language (e.g., one semester of Pascal, Smalltalk, etc.). The course treats C both as a machine level language and as a general purpose language; it covers number representation, masking, bitwise operations and memory allocation, as well as more general topics such as dynamic data structures, file i/o, separate compilation, program development tools, and debugging.
Prerequisite: CS 110 or permission of instructor.Corequisite: CS 210 or permission of instructor.
Distribution Area: Mathematics and Computer Languages.
3 Credits
Special course fee: $470
Lab fee: $40

MORNING, SESSION I
May 30-July 27, MTuTh 10:00-11:30am
W-1-010, Ms Cristofor, Sched No 702268

APPLIED DISCRETE MATHEMATICS **CS 320**

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory, formal theory of languages and automata theory. Formal and informal theories and corresponding mathematical proofs are taught.
Prerequisites: CS 210 and Math 260 or permission of instructor.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-010, Mr Mukherjee, Sched No 702282

Criminal Justice

CRIMINOLOGY **CRMJUS L262**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: Sociol 101 and junior or senior standing.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-198, Mr Bebo, Sched No 702114

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-046, Mr Pierce, Sched No 709380

RACE AND ETHNIC RELATIONS **CRMJUS L321**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: Sociol 101.
Diversity Area: United States.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 24, MTuWTh 11:45am-1:15pm
W-2-198, Mr Schaefer, Sched No 709387

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS L351**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: Sociol 101 and junior standing.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-2-198, Mr Movahedi, Sched No 702149

CORRECTIONS **CRMJUS L363**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: Junior standing and Sociol 362.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-057, Mr Pierce, Sched No 709394

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **CRMJUS L368**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-2-125, Ms Mignon, Sched No 709401

THE POLICE IN SOCIETY **CRMJUS L465**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
Prerequisites: Senior standing, Sociol 101 and 9 credit hours in sociology.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-041, Mr Taylor, Sched No 709408

THE SOCIOLOGY OF LAW **CRMJUS L467**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisites: Sociol 101 and 6 credits in sociology; junior or senior standing.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-041, Staff, Sched No 709415

Earth and Geographic Science

SPECIAL PROGRAM: EXPLORING THE COASTAL ENVIRONMENT

This program includes a seven-day research expedition aboard the schooner *Ernestina* and four days of field study on Nantucket. Students may earn up to nine undergraduate credits.
See page 4.

THE GLOBAL ENVIRONMENT **E&GSCI 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution Area: Natural Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
S-2-065, Mr Mensoian, Sched No 708421

WORLD REGIONAL GEOGRAPHY **E&GSCI 102**

An overview of world regions in terms of physical environment, human populations and the relationship between them. Topics with a focus on diversity are discussed from an international viewpoint and center on particular countries.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-June 29, MTuWTh 11:45am-1:45pm
S-2-066, Ms Duncan, Sched No 708428

EARTH'S DYNAMIC SYSTEMS **E&GSCI 110**

The basic principles of this course are embodied in the rock and hydrologic cycles. It examines the igneous, metamorphic, sedimentary, tectonic, and weathering systems of the rock cycle; and the runoff, glacial, ocean, groundwater, and atmospheric systems of the hydrologic cycle. A laboratory component includes one or more field trips to sites where geological phenomena can be viewed.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $50
EVENING, SESSION I

May 30-July 12, MTuWTh 6:00-7:30pm
S-3-035, Mr Nellis, Sched No 708442
LAB: EVENING, SESSION I

May 30-July 12, MTuWTh 8:00-9:15pm
Sched No 708449

ENVIRONMENTAL GEOLOGY **E&GSCI 115**

This course examines geological phenomena that adversely affect the human environment. Among the naturally occurring phenomena are earthquakes, volcanoes, tsunamis, landslides, and subsidence and erosion. Topics also include those geological impacts which are the result of human activities, such as subsidence, flooding, soil degradation, and hazardous material contamination.
Distribution Area: Natural Sciences.
3 Credits
AFTERNOON, SESSION I

May 30-July 12, MTuWTh 4:30-6:00pm
S-3-035, Mr Nellis, Sched No 702548

WEATHER AND CLIMATE **E&GSCI 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: Sophomore standing.
Distribution Area: Natural Sciences.
3 Credits
EVENING, SESSION I

May 30-July 11, TuTh 6:00-9:00pm
S-2-065, Mr Mensoian, Sched No 702562

COMPUTER APPLICATIONS IN GEOGRAPHY **E&GSCI 265**

This course teaches the fundamentals and geographic applications of computers. Topics include components of a computer system and their functions; special hardware requirements for geographic applications; DOS, UNIX, Windows 98, and Windows NT operating systems; software for geographic applications; telecommunications and computer networking; and the uses of computers in spatial analysis, form and process modeling, automated cartography, digital processing and analysis of remote sensing data, and GIS.
Prerequisite: Sophomore standing or permission of instructor.
Distribution Area: Natural Sciences.
4 Credits
Lab fee: $50
EVENING, SESSION I

May 31-July 12, MW 6:00-9:00pm
S-3-020, Mr Giordano, Sched No 708463
LAB: AFTERNOON, SESSION I

May 31-July 12, MW 4:30-6:00pm
Sched No 708463

East Asian Studies

SPECIAL PROGRAM: VIETNAM TODAY

This four-week program of field and classroom study examines the culture, language, and politics of Vietnam. Participants can earn three undergraduate credits.
See page 2.

THE HISTORY OF MODERN CHINA **EASIAN L361**

A survey of the political, social, and intellectual development of China from 1800 to the present, with emphasis on Sino-Western relations and twentieth century reform and revolution. EAsian L161 (Hist L161) is not required, but is recommended.
Prerequisite: Sophomore standing.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-206, Ms Ye, Sched No 708477

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Prerequisite: Math 115 or equivalent.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-041, Mr Cantor, Sched No 702639

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-064, Mr Chiong, Sched No 702632

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-041, Mr Abdullah, Sched No 702646

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-063, Mr Abdullah, Sched No 702660

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-064, Mr Morrison, Sched No 702653

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Prerequisite: Math 115 or equivalent.
Note: Econ 101 is not a prerequisite for Econ 102.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-063, Mr Abdullah, Sched No 702681

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-1-041, Mr Chiong, Sched No 702674

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-041, Mr Millman, Sched No 702695

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-041, Mr Abdullah, Sched No 702688

MICROECONOMIC THEORY **ECON 201**

Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: Econ 101 and Math 129 or 130 (or placement into Math 135 or 140).
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-061, Mr Millman, Sched No 702709

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-053, Mr Millman, Sched No 708498

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-009, Mr Millman, Sched No 708505

MACROECONOMIC THEORY **ECON 202**

An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: Econ 101, Econ 102, and Math 129 or 130 (or placement into Math 135 or 140).
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-009, Mr Martin, Sched No 702730

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-056, Mr Martin, Sched No 702737

STATISTICAL METHODS **ECON 205**

A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.
Prerequisites: Econ 101 and 102, and Math 129 or 130 (or placement into Math 135 or 140).
Distribution Area: Mathematics and Computer Languages.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-2-198, Mr Martin, Sched No 708512

AMERICAN ECONOMIC HISTORY **ECON 325**

The economic history of the United States, beginning with the colonial period and the economic basis of the Revolutionary War. Subsequent topics include the industrial revolution in the US, the economic basis for slavery and the Civil War, the broad-scale conflict between capital and labor during and after WW I, the weakness of the US economy during the 1920s, and the Great Depression of the 1930s.
Prerequisites: Econ 101 and 102.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-061, Mr Morrison, Sched No 708533

MONEY AND FINANCIAL INSTITUTIONS **ECON 331**

An economic analysis of the U.S. financial system, including examination of the major types of financial assets, financial markets, and financial institutions, as well as the major factors that determine asset prices and the structure of interest rates. Attention is given to the nature and operation of banking firms and the structure and regulation of the banking industry. Other topics may include the Federal Reserve and monetary policy; the determination of the money supply; recent trends in the banking industry; lending discrimination and community reinvestment; and current public policy issues in the areas of banking and finance.
Prerequisites: Econ 101 and 102.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-056, Mr Cantor, Sched No 702765

COMPARATIVE ECONOMIC SYSTEMS **ECON 372**

An examination of alternative systems of economic organization. Analysis of the failed command economies of the former Soviet Bloc and discussion of the progress and prospects for reform in Russia, Poland and Hungary. Special attention is given to comparing alternative capitalist systems (U.S., Sweden, Germany, Japan and South Korea). Issues of concern include market and non-market mechanisms of allocation and distribution, workers' control, economic democracy, centralization and decentralization, and the relation of economic affairs to political and social affairs.
Prerequisites: Econ 101 and 102.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-044, Mr Morrison, Sched No 708519

English

Note: English 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 20 ("English as a Second Language") and page 67 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

Small class instruction and practice in writing for college courses on various kinds of topics, many from experience and observation, chosen to develop the student's confidence and ability. Readings and materials vary from section to section, but all sections require a minimum of eight 600-word papers.
Note: This course satisfies the first half of the College's freshman writing requirement.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-020, Ms Mueller, Sched No 703206

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-012, Mr Rhodes, Sched No 703199

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-058, Mr Goodale, Sched No 703220

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-010, Ms Walsh, Sched No 703213

FRESHMAN ENGLISH II **ENGL 102**

Continuation of Engl 101, with emphasis on topics and research writing assignments of the kinds encountered in many types of college courses. Readings and materials vary from section to section, but all sections require a minimum of seven papers, including a longer research paper.
Note: This course satisfies the second half of the College's freshman writing requirement.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-053, Ms Howland, Sched No 703262

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-1-062, Mr Rhodes, Sched No 703255

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-020, Ms Hays, Sched No 703276

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
W-1-012, Ms Walsh, Sched No 703269

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-012, Ms Davis, Sched No 703283

ORAL COMMUNICATION — ENGL Z106

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-058, Ms Hamilton, Sched No 703178

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-012, Ms Woodward, Sched No 703185

INTRODUCTION TO THE ART OF LITERATURE — ENGL C130

Fiction, poetry, drama, essays-what they are and what they mean. An introduction to ways of seeing and understanding literature-its genres, its forms, its styles, its methods and meanings. We explore the common ground between literature and the other arts, while keeping in view the crucial differences.
Distribution Area: The Arts.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-1-012, Ms Schneiderman, Sched No 708638

PRACTICAL CRITICISM — ENGL 200

Concentrated study of a few literary texts and of fundamental critical approaches to them. Although some attention is given to theoretical matters, the emphasis primarily is on the reading of fiction, poetry, and drama (works selected from various historical periods), and on providing the student with the specific techniques and vocabulary necessary for talking and writing effectively about literature.
Prerequisites: See note at beginning of English section.
Distribution Area: The Arts.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-061, Staff, Sched No 708575

FIVE MAJOR BRITISH WRITERS — ENGL 201

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: See note at beginning of English section.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-2-127, Ms Shaner, Sched No 703332

SIX AMERICAN AUTHORS — ENGL 206

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: See note at beginning of English section.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-2-127, Ms Mueller, Sched No 703346

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-045, Ms Saunders, Sched No 703353

INTRODUCTION TO CREATIVE WRITING — ENGL C210

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: See note at beginning of English section.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-012, Ms Marks, Sched No 703143

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-058, Ms Davis, Sched No 703150

INTRODUCTION TO SHAKESPEARE — ENGL C225

An introduction to Shakespeare's dramatic art, with special emphasis on interpretive performances on stage and film. Students are expected to supplement the careful reading of a small number of Shakespeare's plays with the viewing of videotaped performances. Attendance at a live performance may be required.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-053, Mr Goodale, Sched No 708568

SHORT STORY — ENGL 324

A study of the short story, chiefly as a genre of this century. The course traces its development from nineteenth century origins, concentrating its reading on such American and Irish writers as Welty, O'Connor, Cheever, Lavin, Joyce, Hemingway, Montague, and considering as well the statements made by short story writers on the poetics of short fiction.
Prerequisites: See note at beginning of English section.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-2-127, Ms Saunders, Sched No 708582

THE SHORT NOVEL **ENGL 330**

Through reading of representative short novels, the course attempts to define the differences among the short story, the novel, and the novella or short novel. Generalizations about the similarities and differences between these genres and poetry and drama are considered. The course studies novels by such writers as Tolstoy, James, Conrad, Porter, Roth, Faulkner, Wright, and Camus.
Prerequisites: See note at beginning of English section.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-058, Mr Nelson, Sched No 703381

THE AFRICAN-AMERICAN NOVEL IN AMERICA **ENGL 356**

Selected works by black American novelists from the 1850s to the present, with an emphasis on issues of geographical and psychological transition. Novelists studied may include Brown, Delaney, Dunbar, Chesnutt, Petry, Walker, and Ellison.
Diversity Area: United States.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-1-045, Ms King, Sched No 708624

AMERICAN DETECTIVE FICTION **ENGL 370**

A survey of detective fiction and the crime novel in America. Authors include Poe, Hammett, Chandler, Cain, Spillane, Ross MacDonald and others. Films are shown.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-127, Ms Haire-Sargent, Sched No 703409

THE ADOLESCENT IN LITERATURE **ENGL 371**

Such problems as adolescent culture, the rites of passage into adulthood, and the literary expression of these phenomena. Writers such as Wolfe, Salinger, Capote, Knowles, McCullers, Donleavy, Mishima, Golding, Lessing, Moravia, Mauriac, and Sagan.
Diversity Area: United States.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-045, Mr Nelson, Sched No 703423

CHILDREN'S LITERATURE **ENGL 375**

The study of literature for children, including criticism and the history of the development of literary materials written specifically for children. Works by such authors as Lewis, Grahame, Wilder, and Milne are explored in the context of the historical and cultural settings in which they were produced, and the texts will be analyzed both as works of art and as instruments of cultural and didactic impact.
Prerequisites: See note at beginning of English section.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-1-045, Ms Shaner, Sched No 703437

SHAKESPEARE II **ENGL 383**

Shakespeare's problem plays, major tragedies and late romances. The course emphasizes critical interpretations of individual plays, and it assumes that students will have had some experience of Shakespearean plays, such as those in Engl 382. But this course may be elected without such experience.
Prerequisites: See note at beginning of English section.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-045, Mr Divver, Sched No 708596

IRISH LITERATURE **ENGL 415**

A close study of Yeats, Synge, O'Casey, Joyce, and other writers of the modern Irish renaissance. The backgrounds of Irish history and literature relative to these writers will also be studied.
Prerequisites: See note at beginning of English section.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-053, Ms Walsh, Sched No 703451

English as a Second Language (ESL)

It is to the advantage of the student to be placed in the proper English course. Both 101E and 102E are freshman-level courses, taught at a higher level than Advanced ESL. To ensure appropriate placement in 101E, students are required to take a writing placement test provided by the English Department (for further information, see page 67, "Diagnostic Testing"). Students who wish to take 102E must present a transcript or final grade report showing that they have had one semester of Freshman English at UMass Boston or another school.

ESL FRESHMAN ENGLISH I **ENGL 101E**

Practice in writing on various kinds of topics chosen to develop students' confidence and ability as writers. Readings and materials vary from section to section, but all sections require a minimum of seven papers. This special ESL section of Freshman English is designed to meet the specific needs of ESL students. In particular, the course emphasizes English syntax from a non-native point of view. For bilingual students only.
3 Credits

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-1-012, Ms Ring, Sched No 703234

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-1-062, Ms Anderson, Sched No 703241

ESL FRESHMAN ENGLISH II **ENGL 102E**

Continued practice in writing on various topics with an emphasis on more difficult readings, using the library and research skills. Students again write about seven papers, including one research paper. Attention is given to English grammar from a non-native point of view. For bilingual students only.
Prerequisite: One semester of Freshman English (see note above).
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-012, Ms Howland, Sched No 703297

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-1-012, Ms Anderson, Sched No 703304

French

INTENSIVE ELEMENTARY FRENCH **FRENCH 100**

Intensive elementary work in the four language skills, with concentration on an audio-lingual approach, for students with no previous training in French. Students completing this course satisfactorily will be allowed to enter directly into courses at the intermediate level. Equivalent to one year of elementary French.
Prerequisite: Permission of instructor.
Distribution Area: Foreign Languages.
8 Credits
Lab fee: $15

EVENING, SESSION I
May 30-July 12, MTuWTh 6:00-9:00pm
M-1-201, Staff, Sched No 703577

ELEMENTARY FRENCH I **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

MORNING, SESSION I
May 30-June 29, MTuWTh 10:00am-12:00pm
M-2-624, Staff, Sched No 703591

ELEMENTARY FRENCH II **FRENCH 102**

A continuation of French 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed French 101 or its equivalent. Continued attention to French and francophone culture. Weekly lab attendance and assignments required.
Prerequisite: French 101 or equivalent.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

MORNING, SESSION II
July 5-Aug 3, MTuWTh 10:00am-12:00pm
M-2-624, Staff, Sched No 703605

INTERMEDIATE FRENCH I **FRENCH 201**

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.
Prerequisite: French 102, 115, or equivalent.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

MORNING, SESSION I
May 30-June 29, MTuWTh 10:00am-12:00pm
M-2-428, Staff, Sched No 703619

INTERMEDIATE FRENCH II **FRENCH 202**

This course seeks to build on the level of achievement reached in French 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.
Prerequisite: French 201 or equivalent.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

MORNING, SESSION II
July 5-Aug 3, MTuWTh 10:00am-12:00pm
M-2-428, Staff, Sched No 703633

German

ELEMENTARY GERMAN I **GERMAN 101**

Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in German. Weekly laboratory attendance and assignments required.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
M-1-619, Staff, Sched No 703689

ELEMENTARY GERMAN II **GERMAN 102**

Continuation of German 101.
Prerequisite: German 101 or equivalent.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
M-1-619, Staff, Sched No 703703

History

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution Area: Historical and Cultural Studies.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-423, Mr Lorentz, Sched No 703752

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
M-2-423, Mr Owen, Sched No 703759

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution Area: Historical and Cultural Studies.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-423, Mr Miller, Sched No 703773

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-206, Staff, Sched No 703780

MODERN WORLD HISTORY II **HIST C114**

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-428, Mr Sorokowski, Sched No 703731

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
M-2-616, Mr Sorokowski, Sched No 703738

AMERICAN HISTORY I **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution Area: Historical and Cultural Studies.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
M-2-616, Mr Ruffin, Sched No 708652

AMERICAN HISTORY II **HIST 166**

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution Area: Historical and Cultural Studies.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-2-127, Mr Chu, Sched No 708680

IRISH HISTORY, 1688 TO THE PRESENT **HIST 339**

The forces and movements in the development of Irish Nationalism and the achievement of national independence.
Prerequisite: Sophomore standing.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-428, Mr Breen, Sched No 703836

WAR IN THE TWENTIETH CENTURY **HIST 358**

A study of military plans, strategy and weapons employed in twentieth century wars, and their consequences on the battlefield, together with their larger impact on the societies involved. Emphasis on the two world wars and the Vietnam War. The course concludes with a review of current military plans and weapons systems of the world powers in the perspective of military history since 1914.
Prerequisite: Junior standing.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
M-2-621, Mr Sauer, Sched No 703850

THE VIETNAM WAR **HIST 359**

This course covers the period from 1945 to 1975, with attention to the Vietnamese Revolution and its American and Vietnamese adversaries. Topics include origins of the Cold War and U.S. policy in Indochina; Vietnam's peasant revolution and Communist Party; society, economy, and ideology of the Saigon milieu; the U.S. anti-war movement; and U.S. soldiers and veterans of the Vietnam War era.
3 Credits
(Subject to final University approval.)

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-2-127, Mr Sauer, Sched No 708666

THE HISTORY OF MODERN CHINA **HIST L361**

A survey of the political, social, and intellectual development of China from 1800 to the present, with emphasis on Sino-Western relations and twentieth century reform and revolution. EAsian L161 (Hist L161) is not required, but is recommended.
Prerequisite: Sophomore standing.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-206, Ms Ye, Sched No 708491

HISTORY OF MODERN TERRORISM **HIST 389**

This course studies the phenomenon of terrorism by considering twentieth-century political movements that have used or are using terror to achieve their objectives. The course develops an analytical framework for the study of terrorism and uses this framework in exploring the historical backgrounds, objectives, ideologies, tactics, and membership profiles of selected groups, and in considering the responses of their opponents. Groups to be studied include the IRA, the Irgun, the PLO, the Baader-Meinhof, and the Ku Klux Klan.
Prerequisite: Junior standing or permission of instructor.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
M-2-205, Mr Sauer, Sched No 703864

Honors Program

COASTAL MEGA-CITIES: TRENDS AND ISSUES **HONORS 290A**

This course will examine the global forces that are causing rapid urbanization of coastal areas, severe impacts on coastal and ocean resources, and widespread socioeconomic implications, especially in developing countries. The range of planning, policy and management strategies that are being employed to address these impacts will be analyzed with a particular focus on the concept of Integrated Coastal Management, as called for by the United Nations' 1992 Earth Summit and practiced in Massachusetts for over twenty years.
Eligibility: Students in good standing in any college honors program who have earned at least 30 graduation credits are eligible to register for this course. Dean's list students who are not members of honors programs may also apply. All students should contact Dr. Monica McAlpine in M-5-431, call 617.287.5520, or Email mcalpine@umbsky.cc.umb.edu.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
M-1-428, Mr Delaney, Sched No 708701

Italian

ELEMENTARY ITALIAN I **ITAL 101**

For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
M-2-624, Staff, Sched No 704067

ELEMENTARY ITALIAN II **ITAL 102**

The continuation of Ital 101.
Prerequisite: Ital 101 or equivalent.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
M-2-624, Staff, Sched No 704081

Japanese

ELEMENTARY JAPANESE I **JAPAN 101**

Introduction to modern Japanese. Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in Japanese. Hiragana and about 30 Kanji are introduced.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-1-020, Staff, Sched No 704095

ELEMENTARY JAPANESE II **JAPAN 102**

A continuation of Japan 101. Katakana and about 70 Kanji are introduced.
Prerequisite: Japan 101.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-1-020, Staff, Sched No 704109

Latin

FUNDAMENTALS OF LATIN I **LTN 101**

Designed to complete a standard basic textbook with Latin 102.
Distribution Area: Foreign Languages.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-1-617, Ms Levitan, Sched No 704137

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE I **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-1-420, Staff, Sched No 704151

ELEMENTARY AMERICAN SIGN LANGUAGE II **LING 152**

A continuation of Ling 151 with emphasis on receptive and expressive skills.
Note: Ling 152 may be used as a distribution course only after successful completion of Ling 153.Prerequisite: Ling 151 or permission of the instructor.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-1-617, Staff, Sched No 704165

ELEMENTARY AMERICAN SIGN LANGUAGE III **LING 153**

This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.
Prerequisite: Ling 152 or permission of the instructor.
Distribution Area: Foreign Languages.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-1-617, Staff, Sched No 704179

Mathematics

Please note: Computer science courses appear in this bulletin under "Computer Science."

Requirements and Recommendations

Any student who intends to take a mathematics course at or below the level of Math 140 (Calculus I) or a Computer Science course at or below the level of CS 110 (Introduction to Computer Programming) must furnish evidence at the first class meeting that he or she is prepared for that course. Such evidence may include a suitable score on the math diagnostic test, a satisfactory grade in a prerequisite course, or a relevant transcript.

Enrollment in Math 129, Math 130, or CS 110 requires a suitable diagnostic test score. Successful completion of Math 115 does not qualify one to take any of these courses. The diagnostic test for CS 110 may be waived for students who have completed Math 140 (Calculus I) at UMass Boston or elsewhere.

Math Diagnostic Test

Appropriate preparation is especially important for students taking mathematics and computer science courses, and the University wants to be certain that students in these courses have the math skills they need for success. Before registering for introductory courses in either mathematics (through first-semester calculus) or computer science, all UMass Boston students must demonstrate their skills by taking a diagnostic test. The University uses this test to place students in the courses that will serve them best. For test information, see page 67 ("Diagnostic Testing").

COLLEGE ALGEBRA — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking Math 129 or Math 130. Topics include basic algebra concepts, linear equations and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.

Prerequisite: A suitable score on the mathematics diagnostic test.

Distribution Area: Mathematics and Computer Languages. 3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
M-2-206, Ms Zaleskas, Sched No 704193

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
M-2-206, Staff, Sched No 704200

INTRODUCTORY STATISTICS — MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.

Note: No student receives graduation credits for Math 125 if it is taken after successful completion of Math 345.Not open to mathematics or science majors, except in nursing and geography.

Prerequisite: A suitable score on the mathematics diagnostic test or Math 099.

Distribution Area: Mathematics and Computer Languages. 3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-1-418, Mr Kovitz, Sched No 704214

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
M-2-621, Staff, Sched No 704221

PRE-CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE STUDENTS — MATH 129

This course teaches the algebraic and conceptual skills students need to master before they are ready for Math 134 or Math 135. It first reviews the basic algebraic skills. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics.

Prerequisite: A suitable score on the mathematics diagnostic test only. Successful completion of Math 115 is not enough.

Distribution Area: Mathematics and Computer Languages. 3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-206, Ms Zaleskas, Sched No 704235

PRECALCULUS — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter Math 140 without taking this course.

Note: No student receives graduation credits for Math 130 if it is taken after successful completion of any higher math course. Students who have successfully completed Math 130 may not subsequently take Math 124 or Math 129 for credit. Students may take Math 130 after Math 124 or Math 129 only with explicit permission of the department, and then only for two credits. Prerequisite: A suitable score on the mathematics diagnostic test only. Successful completion of Math 115 is not enough.

Distribution Area: Mathematics and Computer Languages. 3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
M-2-214, Mr Kovitz, Sched No 704263

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
M-2-206, Staff, Sched No 704270

MANAGERIAL ALGEBRA AND CALCULUS — MATH 134

This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications will be made to managerial situations throughout the course.

Prerequisite: A suitable score on the mathematics diagnostic test or completion of Math 129 or 130.

Distribution Area: Mathematics and Computer Languages. 3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-214, Ms Roche, Sched No 704305

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
M-2-214, Ms Roche, Sched No 704312

CALCULUS I **MATH 140**

The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and trigonometric functions.
Prerequisite: A suitable score on the mathematics diagnostic test or Math 130.
Distribution Area: Mathematics and Computer Languages.
4 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:45am
W-1-046, Mr Greeley, Sched No 704333

EVENING, SESSION I
May 30-July 12, MTuWTh 5:45-7:30pm
W-1-046, Staff, Sched No 704340

MORNING, SESSION I
May 30-July 12, MTuWTh 8:00-9:45am
W-1-046, Mr Greeley, Sched No 704326

MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:00-9:45am
W-1-046, Staff, Sched No 704347

EVENING, SESSION II
July 17-Aug 24, MTuWTh 7:45-9:30pm
W-1-046, Mr Boorstein, Sched No 704354

CALCULUS II **MATH 141**

Continuation of Math 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, L'Hospital's rule, sequences, and series.
Prerequisite: Math 140 or equivalent.
Distribution Area: Mathematics and Computer Languages.
4 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:45am
M-1-428, Mr Singh, Sched No 704389

EVENING, SESSION I
May 30-July 12, MTuWTh 5:45-7:30pm
W-1-009, Mr Singh, Sched No 704396

EVENING, SESSION II
July 17-Aug 24, MTuWTh 5:45-7:30pm
W-1-046, Mr Wortman, Sched No 704410

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:45am
W-1-046, Mr Wortman, Sched No 704403

CALCULUS III **MATH 240**

Calculus of functions of several variables. Topics include partial derivatives, transformations, derivative as a matrix, chain rule, directional derivatives, gradients, second derivatives; and multiple integrals, substitution rule, and Jacobians.
Prerequisite: Math 141 is required; Phys 114 is recommended.
Distribution Area: Mathematics and Computer Languages.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-616, Mr Herda, Sched No 704424

LINEAR ALGEBRA I **MATH 260**

Elementary theory of vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues, and eigenvectors.
Prerequisite: Math 141.
Distribution Area: Mathematics and Computer Languages.
3 Credits

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
M-2-621, Staff, Sched No 704438

APPLIED ORDINARY DIFFERENTIAL EQUATIONS **MATH 310**

Comprehensive study of ordinary differential equations. Series solutions to differential equations, Bessel functions, characteristic functions, LaPlace transforms, and Fourier series.
Prerequisites: Math 240 and either Math 260 or Phys 114 (lab optional).
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
M-2-621, Mr Herda, Sched No 704452

PROBABILITY **MATH 345**

The mathematical study of the laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Basic principles of combinatorics are introduced to solve problems in discrete probability spaces.
Prerequisite: Math 141 or permission of instructor.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
M-2-621, Mr Mukherjee, Sched No 704466

Music

AN INTRODUCTION TO MUSIC **MUSIC C111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-005, Mr Mitchell, Sched No 705040

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-404, Mr Patterson, Sched No 705047

WORLD MUSIC **MUSIC C115**

An introduction to the musical traditions of countries throughout the world, embracing the role of music in society, ritual, and culture. Traditional vocal and instrumental styles of folk and traditional music are illustrated through audio and visual materials.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-005, Mr Stubbs, Sched No 705061

PRIVATE MUSIC LESSONS **MUSIC 185**

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for six one-hour, twelve half-hour, or twelve one-hour lessons; all options bear one academic credit. Hour-long piano lessons require permission of the instructor. Lesson times are arranged between student and instructor. For further information, contact the Music Department at 617.287.6980 or visit the Summer Registration Center.
Note: Pass/fail–withdrawal deadlines are as follows: For sections running May 30-July 12, June 20; for sections running May 30-Aug 24, July 17; for sections running July 17–Aug 24, August 8.

COURSE FEES:
Six one-hour lessons: $210, 1 Credit
Twelve half-hour lessons: $210, 1 Credit
Twelve one-hour lessons: $410, 1 Credit
Note: If a student is taking music lessons only, service fees are $35. Waivers may not be used for Music 185.

MUSIC 185A: FLUTE, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Ms. Grant, Fee: $210, Sched No 705089

MUSIC 185A: FLUTE, SIX ONE-HOUR LESSONS, SESSION II
July 17-Aug 24, By arrangement
Ms Grant, Fee: $210, Sched No 705096

MUSIC 185A: FLUTE, TWELVE ONE-HOUR LESSONS
May 30-Aug 24, By arrangement
Ms Grant, Fee: $410, Sched No 705103

MUSIC 185A: FLUTE, TWELVE HALF-HOUR LESSONS
May 30-Aug 24, By arrangement
Ms Grant, Fee: $210, Sched No 705110

MUSIC 185C: CLARINET, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Mr Brezniak, Fee: $210, Sched No 705124

MUSIC 185D: DRUMS, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Mr Turner, Fee: $210, Sched No 709184

MUSIC 185D: DRUMS, SIX ONE-HOUR LESSONS, SESSION II
July 17-Aug 24, By arrangement
Mr Turner, Fee: $210, Sched No 709219

MUSIC 185D: DRUMS, TWELVE ONE-HOUR LESSONS
May 30-Aug 24, By arrangement
Mr Turner, Fee: $410, Sched No 709226

MUSIC 185D: DRUMS, TWELVE HALF-HOUR LESSONS
May 30-Aug 24, By arrangement
Mr Turner, Fee; $210, Sched No 709233

MUSIC 185E: GUITAR, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Mr Janson, Fee: $210, Sched No 705138

MUSIC 185F: PIANO, SIX ONE-HOUR LESSONS, SESSION I*
May 30-July 12, By arrangement
Mr McFarland, Fee: $210, Sched No 705152

MUSIC 185G: SAXOPHONE, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Mr Perrett, Fee: $210, Sched No 709198

MUSIC 185I: VOICE, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Ms Bulli, Fee: $210, Sched No 705166

MUSIC 185M: ORGAN, SIX ONE-HOUR LESSONS, SESSION I
May 30-July 12, By arrangement
Mr Holman, Fee: $210, Sched No 709212

**Requires permission of the Music Dept. (617.287.6980).*

HISTORY AND DEVELOPMENT OF JAZZ IN AMERICA **MUSIC 251**

The development of jazz from its origin to the present.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-005, Mr Janson, Sched No 705236

AFRICAN AND AFRICAN-AMERICAN MUSIC **MUSIC C252**

An examination of African-American music (black music) from its African origins to contemporary black musical expression, including work songs, spirituals, minstrelsy, blues, rhythm and blues, and gospel.
Distribution Area: The Arts.
Diversity Area: United States.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-005, Mr Walters, Sched No 705075

Philosophy

INTRODUCTION TO PHILOSOPHY **PHIL 100**

An introductory examination of the problems and scope of philosophy.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-2-124, Ms Farion-Villano, Sched No 705453

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-3-430, Ms Farion-Villano, Sched No 705460

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-2-198, Mr Cooper-Wiele, Sched No 705467

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-2-124, Mr Dugan, Sched No 705474

MORAL AND SOCIAL PROBLEMS **PHIL C108**

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution Area: Philosophical and Humanistic Studies.
Diversity Area: United States.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-2-127, Mr Jones, Sched No 705397

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-062, Mr Jones, Sched No 705404

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-1-047, Staff, Sched No 705411

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-055, Mr Rosenfeld, Sched No 705425

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-1-420, Mr Bayne, Sched No 705418

INTRODUCTION TO LOGIC **PHIL 120**

The study of valid reasoning using formal methods of proof with truth functions, deductions, and quantifiers. Analysis of the logical structure of language related to philosophical questions of truth, paradox, and reference.
Distribution Area: Mathematics and Computer Languages.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-124, Mr Lande, Sched No 705488

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-1-201, Mr Kaye, Sched No 705495

INDIVIDUAL AND COMMUNITY **PHIL C209**

This course is a thematic introduction to methods and ideas central to philosophical and humanistic inquiry. The course will take up a series of ideas and thinkers linked by their relation to the theme of the individual in his or her relation to the community. Questions to be explored include: What sort of thing is a community? Are there fundamentally different kinds of communities? What rights and obligations do communities and individuals have over and to each other?
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-055, Mr Flesche, Sched No 705439

MORAL ISSUES IN MEDICINE **PHIL 222**

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-063, Mr Rosenfeld, Sched No 705523

MORAL ISSUES IN EUTHANASIA **PHIL 481A**

The course gives a balanced, philosophical analysis of the moral, social and medical issues in euthanasia and physician-assisted suicide. Sample topics include: analogies between euthanasia and the abortion issue, the distinction between "letting die" and "killing," decision-making at the end of life, issues around newborns, and the relation between secular law and religious moralities. Readings from bioethics, medicine, law, and philosophy.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-063, Ms Smith, Sched No 705537

THE MYSTERY OF CONSCIOUSNESS **PHIL 481B**

Dennett calls consciousness the "last surviving mystery." In this course we'll critically examine recent writings on consciousness by philosophers; some attempt to explain consciousness, some try to convince us that there really is no mystery to explain, and some argue that we'll never be able to explain it. Topics include: dualism and materialism, qualia, higher-order thought theories, and subjectivity and our self conceptions.
It is recommended that students have experience reading and writing about philosophy. Prerequisite: any Philosophy course or permission of the instructor.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-2-124, Mr Kaye, Sched No 708953

Physics

COLLEGE PHYSICS I **PHYSIC 107**

Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature, and heat. Students who need or want lab work in physics should enroll concurrently in Physic 181.
Prerequisite: Math 130 or permission of instructor.
Note: Students may not receive credit for both Physic 107-108 and 113-114.
Distribution Area: Natural Sciences.
3 Credits

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
S-1-006, Staff, Sched No 705551

DISCUSSION: MORNING, SESSION I
May 31-July 12, MW 10:00-10:50am
Sched No 705565

DISCUSSION: MORNING, SESSION I
May 30-July 11, TuTh 10:00-10:50am
Sched No 705572

DISCUSSION: MORNING, SESSION I
May 31-July 12, MW 11:00-11:50am
Sched No 705579

LECTURE: EVENING, SESSION I
May 30-July 12, MTuWTh 5:30-7:00pm
M-2-423, Staff, Sched No 705558

DISCUSSION: EVENING, SESSION I
May 31-July 12, MW 7:10-8:00pm
Sched No 705586

DISCUSSION: EVENING, SESSION I
May 30-July 11, TuTh 7:10-8:00pm
Sched No 705593

COLLEGE PHYSICS II **PHYSIC 108**

A continuation of Physic 107. Topics include thermodynamics, electricity and magnetism; optics; and a preview of modern physics. Students who need or want laboratory work in physics should enroll concurrently in Physic 182.
Prerequisite: Physic 107 or permission of instructor.
Note: Students may not receive credit for both Physic 107-108 and 113-114.
Distribution Area: Natural Sciences.
3 Credits

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
S-1-006, Staff, Sched No 705607

DISCUSSION: MORNING, SESSION II
July 17-Aug 23, MW 10:00-10:50am
Sched No 705621

DISCUSSION: MORNING, SESSION II
July 18-Aug 24, TuTh 10:00-10:50am
Sched No 705628

DISCUSSION: MORNING, SESSION II
July 17-Aug 23, MW 11:00-11:50am
Sched No 705635

LECTURE: EVENING, SESSION II
July 17-Aug 24, MTuWTh 5:30-7:00pm
M-2-423, Staff, Sched No 705614

DISCUSSION: EVENING, SESSION II
July 17-Aug 23, MW 7:10-8:00pm
Sched No 705642

FUNDAMENTALS OF PHYSICS I **PHYSIC 113**

The first semester of calculus-level introductory physics. Topics include mechanics, hydrodynamics, waves, kinetic theory, and heat. Students who need or want laboratory work should enroll concurrently in Physic 181.
Corequisite: Math 140; corequisite for physics majors: Physic 181.
Note: Students may not receive credit for both Physic 107-108 and 113-114.
Distribution Area: Natural Sciences.
4 Credits

LECTURE: MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
M-2-423, Staff, Sched No 705656

DISCUSSION: MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-10:50am
Sched No 705670

DISCUSSION: MORNING, SESSION I
May 30-July 12, MTuWTh 11:00-11:50am
Sched No 705677

LECTURE: EVENING, SESSION I
May 30-July 12, MTuWTh 5:30-7:00pm
S-2-066, Staff, Sched No 705663

DISCUSSION: EVENING, SESSION I
June 1-July 10, MTh 7:10-8:50pm
Sched No 705684

FUNDAMENTALS OF PHYSICS II **PHYSIC 114**

The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students who need or want laboratory work should enroll concurrently in Physic 182.
Prerequisite: Physic 113 or permission of instructor.
Corequisite: Math 141; corequisite for physics majors: Physic 182.
Note: Students may not receive credit for both Physic 107-108 and 113-114.
Distribution Area: Natural Sciences.
4 Credits

LECTURE: MORNING, SESSION II
July 17-Aug 24, MTuWTh 8:15-9:45am
M-2-423, Staff, Sched No 705705

DISCUSSION: MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-10:50am
Sched No 705719

DISCUSSION: MORNING, SESSION II
July 17-Aug 24, MTuWTh 11:00-11:50am
Sched No 705726

LECTURE: EVENING, SESSION II
July 17-Aug 24, MTuWTh 5:30-7:00pm
S-2-066, Staff, Sched No 705712

DISCUSSION: EVENING, SESSION II
July 17-Aug 24, MTh 7:10-8:50pm
Sched No 705733

PHYSICS LABORATORY I **PHYSIC 181**

Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics, and hydrostatics. This course is designed to accompany either level of introductory physics.
Corequisite: Physic 107 or 113.
1 Credit
Special course fee: $175
Lab fee: $50

MORNING/AFTERNOON, SESSION I
May 30-July 11, Tu 11:30am-2:00pm
Sched No 705747

MORNING/AFTERNOON, SESSION I
May 31-July 12, W 11:30am-2:00pm
Sched No 705754

MORNING/AFTERNOON, SESSION I
June 1-July 6, Th 11:30am-2:00pm
Sched No 705761

EVENING, SESSION I
May 30-July 11, Tu 7:10-9:40pm
Sched No 705768

EVENING, SESSION I
May 31-July 12, W 7:10-9:40pm
Sched No 705775

PHYSICS LABORATORY II **PHYSIC 182**

Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism, and optics. This course is designed to accompany either level of introductory physics.
Corequisite: Physic 108 or 114.
1 Credit
Special course fee: $175
Lab fee: $50

MORNING/AFTERNOON, SESSION II
July 18-Aug 22, Tu 11:30am-2:00pm
Sched No 705789

MORNING/AFTERNOON, SESSION II
July 19-Aug 23, W 11:30am-2:00pm
Sched No 705796

MORNING/AFTERNOON, SESSION II
July 20-Aug 24, Th 11:30am-2:00pm
Sched No 705803

EVENING, SESSION II
July 18-Aug 22, Tu 7:10-9:40pm
Sched No 705810

EVENING, SESSION II
July 19-Aug 23, W 7:10-9:40pm
Sched No 705817

Political Science

SPECIAL PROGRAM: IRELAND AND SCOTLAND TODAY

This field study program examines political, social, and economic developments in both Ireland and Scotland. Participants can earn six undergraduate credits.
See page 2.

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-1-047, Mr Langley, Sched No 708960

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-041, Mr Ward, Sched No 705845

POLITICAL IDEAS OF THE TWENTIETH CENTURY **POLSCI C123**

Major political viewpoints of the present, including Conservatism, Liberalism, Marxism, and Fascism.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-042, Ms Peters, Sched No 709023

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES **POLSCI 202**

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits

AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-1-041, Mr Kiros, Sched No 708967

INTERNATIONAL RELATIONS **POLSCI 220**

Through the analysis of current and historical developments, this course focuses on the major patterns and concepts which explain the behavior of nations as they operate on the world scene. Special attention is given to the role of economic relations, war, ideologies, and various attempts at eliminating international conflict; the dynamics of global economic interdependence; the impact of multinational corporations; the impact of regional trading blocs; the significance and impact of globalization. While the course covers broad patterns of international relations, of particular concern are (a) the condition of underdevelopment in the Third World and its link to biases in the structure of the international system and the inequities of the globalizing economy; (b) issues of human rights, ethnicity, nationality; the role of cultural, religious and gender differences; the role of social classes and race.
Prerequisite: Sophomore standing.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-1-047, Mr Langley, Sched No 705873

MODERN POLITICAL THOUGHT **POLSCI C252**

The history of Western political ideas from the time of Machiavelli to that of Marx and Nietzsche.
Prerequisite: Sophomore standing.
Distribution Area: Historical and Cultural Studies.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-064, Mr Ward, Sched No 708995

POLITICAL CHANGE AND GROUP IDENTITY **POLSCI 307**

The course is concerned with the impact of group identity—racial, religious, ethnic, gender, sexual, class, national—on political systems.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-020, Ms Peters, Sched No 709009

THE LEGISLATIVE PROCESS **POLSCI 318**

The function of national and state legislatures, and the role played by political parties and interest groups in legislatures.
Prerequisite: Junior standing.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-020, Ms Natoli, Sched No 708981

LATIN AMERICAN POLITICS **POLSCI 371**

An analysis of social structure and political behavior of various groups in Latin America, of a variety of forms of political participation at grass roots and national levels, and of the influence of technologically advanced countries on the politics of Latin America.
Prerequisite: Junior standing.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-061, Mr Greco, Sched No 705929

Portuguese

ELEMENTARY PORTUGUESE I **PORT 101**

Acquisition of basic skills in comprehending, speaking, reading and writing using the audio-lingual approach. Weekly laboratory attendance and assignments required.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION I
May 30-July 12, TuWTh 6:00-8:00pm
M-2-421, Staff, Sched No 709037

Psychology

INTRODUCTORY PSYCHOLOGY **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Note: Students who have already earned credits for Psych 101 may not register for this course.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-621, Staff, Sched No 706272

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-1-064, Staff, Sched No 706265

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-214, Staff, Sched No 706286

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
M-1-608, Staff, Sched No 706279

INTRODUCTION TO BEHAVIORAL RESEARCH **PSYCH 102**

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-621, Staff, Sched No 706300

PERSONALITY **PSYCH 200**

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-616, Staff, Sched No 706314

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-2-127, Staff, Sched No 706321

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
M-2-621, Staff, Sched No 706328

ABNORMAL PSYCHOLOGY **PSYCH 215**

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-621, Staff, Sched No 706342

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-616, Staff, Sched No 706349

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-621, Staff, Sched No 706356

SOCIAL PSYCHOLOGY **PSYCH 230**

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
M-1-418, Staff, Sched No 706370

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-621, Staff, Sched No 706377

INFANCY AND CHILDHOOD DEVELOPMENT **PSYCH 241**

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-1-418, Staff, Sched No 706391

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-616, Staff, Sched No 706398

ADOLESCENCE **PSYCH 242**

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-2-124, Staff, Sched No 706412

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-206, Staff, Sched No 706419

LEARNING AND MEMORY **PSYCH 250**

An introduction to current views of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-214, Staff, Sched No 706433

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-1-064, Staff, Sched No 706440

PERCEPTION **PSYCH 255**

The traditional problems of perception, with focus on the changing theoretical perspectives within which these problems are viewed. Evolution in theory from early elementalistic approaches to the more current concern with perception-personality relationships.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
M-2-621, Staff, Sched No 706454

BEHAVIORAL NEUROSCIENCE **PSYCH 260**

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
Prerequisite: Psych 100 or 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-616, Staff, Sched No 706468

STATISTICS **PSYCH Z270**

The applied study of the scientific method in the behavioral sciences. Fundamental statistical concepts and techniques are surveyed and used, with primary emphasis on the logic underlying the use of descriptive and inferential tools in scientific inquiry. Topics include parametric and non-parametric statistics, e.g., correlation and analysis of variance.
Prerequisites: Psych 101 and high school algebra or Math 124.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-1-055, Staff, Sched No 706244

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-214, Staff, Sched No 706251

PSYCHOLOGICAL TESTING **PSYCH 300**

An examination of the assessment process and the methods (tests, interviews, observations) used in it. Emphasis on the standards of validity for tests and procedures and on proper test use. Introduction to some major psychological tests.
Prerequisite: Psych Z270.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-2-127, Staff, Sched No 709051

PSYCHOLOGICAL TRAUMA: INDIVIDUAL AND SOCIETY **PSYCH 315**

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines the normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.
Prerequisite: Psych 215.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-207, Staff, Sched No 706482

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-207, Staff, Sched No 706489

GROUP DYNAMICS **PSYCH 333**

An examination of small group behavior from a theoretical and empirical perspective. The group is viewed as a system functioning in a number of environments—physical, personal, social, and task. Each of these interrelated environments influences various aspects of group process. Thus leadership, power, conformity, status, goals, etc., are considered as interrelated processes of social interaction.
Prerequisite: Psych 230.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-428, Staff, Sched No 706503

SOCIAL ATTITUDES AND PUBLIC OPINION **PSYCH 335**

This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.
Prerequisite: Psych 230.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-208, Staff, Sched No 706517

INTERNSHIP IN PSYCHOLOGY **PSYCH 430**

An internship course to give students the opportunity of combining human service or research in an area of psychology with a weekly seminar where they can reflect on their field experiences. As part of the seminar, students will be expected to attend its weekly meetings and to complete readings and a written term project relevant to their field experience as worked out in consultation with the faculty coordinator.
For more information, please contact the Department of Psychology at 617.287.6350.

Study of Religion

SOCRATES, JESUS, BUDDHA **RELSTY C104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
M-2-624, Mr Lafargue, Sched No 706573

SYMBOL, MYTH, RITUAL **RELSTY 109**

An introductory and survey course in religion which takes a comparative, historical and anthropological approach. Beginning with primitive and archaic religion (including myth and ritual) it concentrates on two or three world-historic religions (e.g., Buddhism, Judaism, Christianity) and on contemporary renewals and revision of those traditions from the perspective of various critics of the social and political order.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-1-417, Mr Tracy, Sched No 706587

ASIAN RELIGIONS **RELSTY 232**

A study of religious expression in China and Japan with special emphasis on Confucianism, Taoism, Buddhism, and Shinto.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-1-617, Mr Lafargue, Sched No 709058

OCCULTISM: AN ALTERNATIVE SPIRITUALITY **RELSTY 480A**

People today usually associate occultism with dark secrets, exotic cults, and devil worship. But many occultists have been proponents of a highly developed philosophical and spiritual tradition, which was for centuries the main underground alternative to mainstream Christianity and Judaism. This course will explore the roots of occult philosophy and spirituality, first in the writings of Plato and Neoplatonists, then in writings connected with an early Christian heresy known as Gnosticism (associated also with Jewish Kabbalah). Then we will go on to study Platonic and Gnostic ideas reflected in medieval alchemy. The final course readings will deal with the teachings of one major modern offshoot of this tradition, a 19th century British occult organization called the Hermetic Order of the Golden Dawn (to which W.B. Yeats belonged). We will study in detail a deck of Tarot cards designed and commented on by members of this group, who regarded the pictures on these cards as symbolic representations of traditional Gnostic and Kabbalistic ideas, understood in some new ways.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-1-417, Mr Lafargue, Sched No 709065

Sociology

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING/AFTERNOON, SESSION I
May 31-July 12, MW 10:00am-1:00pm
W-2-125, Mr Stevens, Sched No 706748

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-064, Mr Michels, Sched No 706755

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-064, Mr Kefayati, Sched No 706769

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-064, Mr Goldstein, Sched No 706762

BATTERED WOMEN **SOCIOL 180C**

This course focuses on legal, social, and emotional issues. Discussions examine such topics as the politics of battering and the thinking behind it; the practical problems faced by battered women; the social and legal remedies presently available and why their effectiveness is so limited; how the issue of violence against women finally came to the public's attention; how society has perpetuated the myths behind battering; how the processes that perpetuate the violence might be reversed. The course also considers shelters, direct action, and legal and legislative reform in this area, including controversial self-defense cases involving battered women who have killed abusive spouses or lovers.
2 Credits

EVENING, SESSION I
May 31-June 26, MW 6:00-9:00pm
W-1-057, Ms Marusich-Smith, Sched No 709471

CHILD ABUSE **SOCIOL 180D**

This course addresses ways of decreasing the incidence of child abuse in our society, by providing students with a clearer understanding of child abuse as a social problem; with some grasp of the psychological complexities of child abuse, for the victim and the perpetrator; and with an awareness of Massachusetts laws dealing with child abuse.
1 Credit

EVENING, SESSION I
June 28-July 12, MW 6:00-9:00pm
W-1-057, Ms Marusich-Smith, Sched No 709478

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-198, Mr Kefayati, Sched No 709513

ASIAN WOMEN IN THE UNITED STATES **SOCIOL L228**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.
AmSt L223 or AmSt L225 or permission of instructor.
Distribution Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-045, Ms Kim, Sched No 709464

THE FAMILY **SOCIOL 242**

A comparative and historical analysis of family systems. Emphasis on the development and the future prospects of the nuclear family in middle-class industrial society.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 12, MTuWTh 11:45am-1:15pm
W-2-198, Mr Kamara, Sched No 709485

SOCIAL DEVIANCE AND CONTROL **SOCIOL 261**

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-2-125, Staff, Sched No 706867

CRIMINOLOGY **SOCIOL L262**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: Sociol 101.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-198, Mr Bebo, Sched No 706643

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-046, Mr Pierce, Sched No 706650

SOCIETY AND THE INDIVIDUAL **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-127, Mr Schaefer, Sched No 706881

FAMILY VIOLENCE **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: Sociol 101 or permission of instructor.
3 Credits

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-2-198, Ms Marusich-Smith, Sched No 706895

RACE AND ETHNIC RELATIONS **SOCIOL L321**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: Sociol 101.
Diversity Area: United States.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 24, MTuWTh 11:45am-1:15pm
W-2-198, Mr Schaefer, Sched No 709422

ELEMENTS OF SOCIOLOGICAL THEORY **SOCIOL 341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
Prerequisites: Sociol 101 and junior standing.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-2-198, Mr Jacobs, Sched No 706909

AGING AND SOCIETY **SOCIOL 342**

An examination of theories and research on aging and society. The course is organized into two sections. The first explores the general relationship of the aging process and the aged to the social, economic, and political systems in a youth-oriented and work-oriented society. The second draws upon cross-national and cross-cultural material.
Prerequisite: Sociol 101.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-2-126, Mr Kamara, Sched No 709492

ELEMENTS OF SOCIAL STATISTICS **SOCIOL 350**

Fundamentals of social statistics; special emphasis on probability, tests of significance, and measures of association.
Prerequisite: Sociol 101.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 8:15-9:45am
W-2-126, Mr Movahedi, Sched No 706937

METHODS OF SOCIOLOGICAL RESEARCH **SOCIOL L351**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: Sociol 101 and junior standing.
3 Credits

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-2-198, Mr Movahedi, Sched No 706678

JUVENILE DELINQUENCY **SOCIOL 362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: Junior standing and Sociol 101.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-047, Mr Bebo, Sched No 709541

CORRECTIONS **SOCIOL L363**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: Junior standing and Sociol 362.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-057, Mr Pierce, Sched No 709429

DRUGS AND SOCIETY **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-2-198, Staff, Sched No 706951

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **SOCIOL L368**

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-2-125, Ms Mignon, Sched No 709436

ALCOHOLISM AND SUBSTANCE ABUSE: TREATMENT AND PREVENTION **SOCIOL 369**

An intensive examination of theories and research on the etiology of alcohol and other drug abuse, with special emphasis on their implications for treatment, prevention, and education programs; sociological factors influencing diagnosis and treatment outcomes; legal coercion treatment programs; behavioral, family therapy, and community reinforcement approaches; audio-visual media in alcohol and drug education. Special attention to self-help groups.
Prerequisite: Sociol L368 or permission of instructor.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-2-125, Ms Mignon, Sched No 709555

THE POLICE IN SOCIETY **SOCIOL L465**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
Prerequisites: Senior standing, Sociol 101 and 9 credit hours in sociology.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-041, Mr Taylor, Sched No 709443

THE SOCIOLOGY OF LAW **SOCIOL L467**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisites: Sociol 101 and 6 credits in sociology; junior or senior standing.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-041, Ms Anzenberger, Sched No 709450

HIV/AIDS: BASICS, NEW DEVELOPMENTS, AND IMPLICATIONS **SOCIOL 480A**

This course is designed to give students information about the history and development of the AIDS epidemic in this country. And further for students to develop an appreciation of the complexities involved in meeting the challenges of addressing the epidemic. The course will begin with a basic introduction to HIV/AIDS. The introduction will include: routes of transmission, demographics, and history of the epidemic. The focus will then shift to new approaches to prevention and treatment. Some of the new approaches to be examined are harm reduction and combination therapy. With this introduction, students will have a framework from which to consider future implications. This course is ideal for people working in areas where familiarity with HIV/AIDS is a necessity to effectively understand and interact with the patient or client population. This is particularly true for students interested in the field of drug and alcohol treatment. A field trip and a guest speaker will be incorporated into the course. No prerequisites required.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-044, Ms Pratt, Sched No 709499

Spanish

SPECIAL PROGRAM: SPANISH AND CULTURE IN CUERNAVACA, MEXICO

Earn up to six credits in Spanish while experiencing Mexican culture in this five-week program in the beautiful city of Cuernavaca.
See page 3.

SPECIAL PROGRAM: CERTIFICATE IN SPANISH TRANSLATION

This two-course, twelve-credit program focuses on the development of the basic skills of written translation and on the practice of these skills using a variety of materials, genres, and settings.
See page 3.

ELEMENTARY SPANISH I **SPAN 101**

For students who have no creditable training in Spanish; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.
Note: Students may not take both Span 101 and 105.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15.

EVENING, SESSION I
May 30-July 12, TuWTh 6:00-8:00pm
M-2-419, Staff, Sched No 707077

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-1-060, Staff, Sched No 707070

AFTERNOON, SESSION I
May 30-June 29, MTuWTh 2:00-4:00pm
M-1-417, Staff, Sched No 707084

ELEMENTARY SPANISH II **SPAN 102**

The continuation of Spanish 101.
Prerequisite: Span 101 or equivalent. Note: Students may not take both Span 102 and 106.
Distribution Area: Foreign Languages.
4 Credits
Lab fee: $15

EVENING, SESSION II
July 18-Aug 24, TuWTh 6:00-8:00pm
M-2-419, Staff, Sched No 707105

MORNING, SESSION II
July 17-Aug 24, MTuWTh 10:00-11:30am
W-1-060, Staff, Sched No 707098

AFTERNOON, SESSION II
July 5-Aug 3, MTuWTh 2:00-4:00pm
M-1-417, Staff, Sched No 707112

INTERMEDIATE SPANISH I **SPAN 201**

This course, a comprehensive review of Spanish grammar, is intended for non-native speakers of Spanish who have already completed one year of college-level Spanish or its equivalent. The course focuses primarily on grammar, with secondary emphasis given to speaking, writing, and reading.
Prerequisite: Span 102 or equivalent.
Distribution Area: Foreign Languages.
3 Credits
Lab fee: $15

AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
M-2-419, Staff, Sched No 707154

EVENING, SESSION I
May 30-June 29, MTuWTh 6:00-8:00pm
M-2-417, Staff, Sched No 707161

INTERMEDIATE SPANISH II **SPAN 202**

This course emphasizes reading and writing in Spanish, and is conducted in Spanish. Discussions of readings is also in Spanish. Depending on the texts used, reading assignments may focus on particular grammatical problems, as well as on the content of the readings. The course seeks to help students enhance their skills in reading, writing, speaking, and understanding Spanish.
Prerequisite: Span 201 or equivalent.
Distribution Area: Foreign Languages.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
M-2-419, Staff, Sched No 707182

EVENING, SESSION II
July 5-Aug 3, MTuWTh 6:00-8:00pm
M-2-417, Staff, Sched No 707189

Theatre Arts

SPECIAL PROGRAM: PLAYWRITING AND PERFORMANCE ON NANTUCKET

Each summer for more than thirty years, students have come to Nantucket for our intensive nine-credit program combining writing and performance.
See page 4.

INTRODUCTION TO ACTING I **THRART 236**

Dramatic form as required in acting. A survey of various styles: Greek, Elizabethan, Restoration and Modern; the actor's function, with emphasis on recently evolved methods of acting, and on preparation of scenes in class.
Distribution Area: The Arts.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-008, Mr Conlon, Sched No 707413

Women's Studies

WOMEN, CULTURE AND IDENTITY **WOST C150**

An introductory level course examining the origins of present attitudes about women, critical analyses of women's situation in patriarchal cultures, and efforts by women to achieve a self-defined female identity. Drawing on materials from myth, religion, philosophy, anthropology, feminist analysis, literature, and autobiography, the course investigates cultural beliefs about woman's "nature" and role at different times and places, attempts to explain the origins and persistence of woman's subordination, and women's efforts to define a new identity through political and creative activity. May be taken separately from or concurrently with WoSt C100 as a first or second course in women's studies. Preference given to first and second year or transfer students.
Distribution Area: Philosophical and Humanistic Studies.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-004, Ms Meltzer, Sched No 709128

WOMEN, WORK, AND STRESS **WOST 180A**

An introductory level minicourse, which examines the relationships between women's paid and unpaid work experiences and their well-being. Drawing on material from medicine, psychology, sociology, literature and history, the course critically explores the concepts of stress, stress management, sex roles, work, wellness, and wholeness. Students are encouraged to study and evaluate their own work settings and experiences.
2 Credits

EVENING, SESSION II
July 17-Aug 9, MW 6:00-9:00pm
W-1-004, Ms Cordill, Sched No 709142

WOMEN AND ADDICTION **WOST 180B**

This course examines the relationships between women's social roles and status and their experiences with addiction and substance abuse problems. Medical, sociological, psychological and literary materials are reviewed. The social forces that produce "addictions" and the impact of family and community addiction problems upon the lives of women are also discussed, as are approaches to reducing the harmful impact of addictions.
1 Credit

EVENING, SESSION II
Aug 14-23, MW 6:00-9:00pm
W-1-004, Ms Cordill, Sched No 709156

WOMEN AND MEDIA **WOST 220**

This course explores how the historical evolution and commercial orientation of mass communications media have helped shape the depiction of women and minorities in advertising, entertainment fictions, and news. Students learn to analyze visual imagery for its conceptual and emotional messages; to distinguish stereotypes from more complex characterizations in TV fictions; and to monitor the representations of women and other culturally subordinate groups in the print and broadcast news. Some consideration is given to the status of women and racial minorities in communications industries.
Distribution Area: The Arts.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-1-009, Ms Lindsey, Sched No 707525

UMass Boston's College of Management (CM) has three departments: Accounting and Finance, Management and Marketing, and Management Science and Information Systems. All CM offerings appear below, grouped according to department.

Any CM student may register for any CM course provided all prerequisites have been met. A non-CM or non-UMass Boston student will need a current official college transcript and, if applicable, verification of his or her current registration in prerequisite courses. This material must be reviewed and approved by CM's Undergraduate Program Office (located on the 5th floor of McCormack Hall, room 603) no later than the last day of the add/drop period. A student wishing to register in person for CM courses should call CM's Undergraduate Program Office, at 617.287.7760, for an appointment. The office is open Monday through Friday, 8:30am to 5:00pm.

Internships

The Internship Program offers College of Management students the opportunity to intern in a Boston corporation or agency to enhance the knowledge acquired in the classroom. Internships allow students to exercise skills and abilities, to gain new perspectives on career goals and academic directions and to further their personal and professional development.

Internships may relate to any of the functional areas of management. Paid and unpaid internships are available throughout the summer. For details, please contact the College of Management's Career Resources Center at 617.287.7760.

Prerequisites for internships are as follows:

a) a minimum of 75 credits
b) completion of at least 3/4 of all core courses
c) completion of at least one concentration course

Accounting and Finance

PERSONAL FINANCE **AF 201**

Introduces students to planning and managing personal and family finances. Topics covered include insurance and estate planning, relationships with banks, issues in home ownership and real estate, the fundamentals of investing in stocks and bonds, tax planning, leasing as compared with buying automobiles, and financing college education. This course cannot be counted toward finance or accounting concentrations in the College of Management.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-057, Mr Morrissey, Sched No 700105

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-057, Mr Morrissey, Sched No 700112

FINANCIAL ACCOUNTING **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-158, Mr Seltz, Sched No 700133

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-047, Mr Swanson, Sched No 700126

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-2-158, Mr Vogel, Sched No 700140

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-047, Mr Vogel, Sched No 700147

MANAGERIAL ACCOUNTING **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
Prerequisite: AF 210.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-2-126, Mr Seol, Sched No 700161

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-2-124, Ms Roman, Sched No 700168

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-2-127, Mr Swanson, Sched No 700175

INTRODUCTION TO FINANCIAL MANAGEMENT **AF 301**

Introduces financial management (both short-term and long-term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.

Prerequisites: AF 211 and 60 credits. Enrollment restricted: See note under Management above.

3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-056, Mr Ejara, Sched No 700189

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-125, Mr Bandopadhyaya, Sched No 700196

ACCOUNTING AND FINANCE INTERNSHIP **AF 480**

For details, see "Internships" at the beginning of this section.

Management and Marketing

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.

3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-064, Mr Jones, Sched No 704739

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-064, Staff, Sched No 704746

MANAGING ORGANIZATIONS **MGT 303**

Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing, diagnosing, and acting on managerial problems related to organizations, to their objectives, and to the development of human resources. The course emphasizes topics at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior, motivation, and interpersonal relations.

Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MGT 303 as corequisites, permission from the Undergraduate Program Office is required). Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undergraduate Program Office (for non-degree students).

3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-2-198, Mr Romer, Sched No 704760

BUSINESS ENVIRONMENTS AND PUBLIC POLICY **MGT 330**

Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.

Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MGT 330 as corequisites, permission from the Undergraduate Program Office is required). Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undergraduate Program Office (for non-degree students).

3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-2-125, Mr Romar, Sched No 708841

MANAGERIAL ETHICS AND SOCIAL ISSUES **MGT 331**

Examines the kinds of ethical principles (e.g., justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.

Prerequisite: MGT 303.

3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-125, Mr Evereteze, Sched No 708848

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
Room TBA, Mr Habib, Sched No 704795

MANAGEMENT INTERNSHIP **MGT 480**

For details, see "Internships" at the beginning of this section.

STRATEGIC MANAGEMENT **MGT 490**

Focuses on the organization as a whole from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone course in the student's College of Management curriculum. It develops an approach for identifying the mission of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. This course is required of all College of Management students. MGT 331 can be taken concurrently with this course.

Prerequisite or Corequisite: MGT 331. Prerequisites: AF 210, AF 211, AF 301, MGT 303, MGT 330, MKT 301, and MSIS 301.

3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-2-198, Staff, Sched No 708855

ANALYSIS AND COMMUNICATION FOR MANAGERS **ACM 299**

Offers instruction and practice in the writing of persuasive analytical prose. With its focus on managerial reasoning, the course emphasizes clarity and coherence in case analyses and project reports. It is required of all students in the College of Management.
Enrollment restricted to UMass Boston CM students only.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-420, Ms Welsh, Sched No 700014

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-420, Ms Welsh, Sched No 700021

PRINCIPLES OF MARKETING **MKT 301**

Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.
Prerequisite or Corequisite: ACM 299 (for CM students to take ACM 299 and MKT 301 as corequisites, permission from the Undergraduate Program Office is required). Prerequisites: 60 credits (for CM students) or successful completion of the CAS writing proficiency exam (for non-CM students) or permission of the Undegraduate Program Office (for non-degree students).
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-126, Mr McClure, Sched No 704844

RETAILING MANAGEMENT **MKT 404**

Examines the structure and nature of retailing enterprises. The course places a marked emphasis on analysis and decision making within retailing organizations.
Prerequisite: MKT 301.
3 Credits

AFTERNOON, SESSION II
July 17-Aug 23, TuTh 1:30-4:30pm
Room TBA, Ms Roberts, Sched No 704858

MARKETING INTERNSHIP **MKT 480**

For details, see "Internships" at the beginning of this section.

Management Science and Information Systems

INTRODUCTION TO COMPUTERS AND INFORMATION SERVICES **MSIS 110**

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.
3 Credits
Special course fee: $470

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-2-125, Mr Chaudhury, Sched No 704886

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-2-126, Mr Chaudhury, Sched No 704893

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-2-125, Mr Yang, Sched No 704900

MANAGERIAL STATISTICS **MSIS 111**

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.
Prerequisite: Math 129. Corequisite: MSIS 110.
3 Credits
Special course fee: $470

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-2-126, Mr DeSimone, Sched No 704914

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-061, Staff, Sched No 704921

MANAGERIAL DECISION MAKING **MSIS 212**

Provides the student with knowledge of more advanced decision making tools, building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management settings.
Prerequisites: MSIS 110 and MSIS 111.
3 Credits
Special course fee: $470

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-063, Mr DeSimone, Sched No 704935

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-2-127, Mr Richetta, Sched No 704942

OPERATIONS MANAGEMENT **MSIS 301**

Introduces the student to the concepts and techniques used by organizations to support their fundamental task of producing goods and services. This course includes a balanced view of the manufacture of tangible goods and the production of less-tangible services. Topics covered include product and process strategy, quality management, production planning for manufacturing and for service organizations, and inventory management. The course also includes an examination of the interactions of operations management, quantitative decision making techniques, and information technology. Students use management science techniques and software to examine a wide variety of operations management problems.
Prerequisites: Math 134, MSIS 110, MSIS 210 and 60 credits.
3 Credits
Special course fee: $470

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-009, Mr Shimshak, Sched No 704956

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-2-127, Staff, Sched No 704963

CLIENT/SERVER PROGRAMMING **MSIS 310**

Introduces students to graphical/visual programming concepts using Visual Basic and Microsoft Windows Environment. The course will expose the students to both procedural and event-driven programming; it will also introduce component-based client/server implementation.
Prerequisites: MSIS 110 and 60 credits.
3 Credits
Special course fee: $470

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-126, Mr Kuilboer, Sched No 708862

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-2-126, Mr Stone, Sched No 704984

COMPUTER NETWORKS FOR MANAGEMENT **MSIS 414**

Familiarizes students with the rapidly evolving technology in the areas of data, video, and voice communication. The course studies managerial issues relating to the use and management of advanced communication technology. Students learn how to exploit the technology for business purposes such as producing innovative services, improving quality, reducing cost, and providing real-time customer service. The relevance of Internet use in business applications is demonstrated. HTML is used to illustrate the development of Internet applications. The course helps develop an ability to manage new technologies of 1990's such as ISDN, advanced intelligent networks, multimedia, fiber optics, and virtual networks towards goals such as growth and portability.
Prerequisite: MSIS 110.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
W-1-046, Mr Chaudhury, Sched No 704998

PROJECT MANAGEMENT **MSIS 425**

Covers techniques and managerial concepts of project management. This course prepares students to manage either complex physical projects or complex software development projects. Topics presented in this course include project life cycles, economic analysis of projects, work breakdown structure, cost estimation, and the scheduling, staffing, directing, and controlling of projects. The course also covers the use of management science techniques and computer software for project management.
Prerequisite: MSIS 110.
3 Credits

AFTERNOON, SESSION I
May 31-July 12, MW 1:30-4:30pm
W-1-046, Ms Ashrafi, Sched No 708876

MANAGEMENT SCIENCE AND INFORMATION SYSTEMS INTERNSHIP **MSIS 480**

For details, see "Internships" at the beginning of this section.

Human Performance and Fitness

FITNESS LEADERSHIP **HPF 130**

This course examines instructional methods, materials and objectives for the purpose of preparing fitness leaders with leadership skills in the areas of aerobics, water fitness, walking/jogging, and weight training.
3 Credits
Lab fee: $25

MORNING/AFTERNOON, SESSION II
July 17-Aug 23, MW 10:00am-1:00pm
W-1-045, Mr Webb, Sched No 708708

NUTRITION FOR HEALTH AND SPORT **HPF 150**

In this course, students will learn the ways in which nutrition promotes health, influences disease and affects exercise and sports performance. A major goal is to have students better understand the role that nutrition plays in their own health. Students will evaluate popular diets and dietary supplements, understand the current nutrient recommendations and feel confident making sensible nutrition recommendations.
3 Credits

AFTERNOON, SESSION I
May 30-July 11, TuTh 1:30-4:30pm
M-2-419, Ms Wein, Sched No 708729

FIRST AID AND CARDIOPULMONARY RESUSCITATION **HPF 221**

Students completing this course fulfill the current requirements of the American Red Cross for the Standard First Aid and Safety Certificate and the Cardiopulmonary Community Resuscitation Certificate.
2 Credits

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-3:00pm
W-1-044, Mr Webb, Sched No 708743

LIFETIME FITNESS **HPF 256**

This course introduces students to the concepts and principles of physical fitness. It emphasizes the practical application of research in exercise physiology to the design of individual physical fitness programs. Students gain an understanding of cardiorespiratory fitness, muscular strength and endurance, body composition and flexibility.
3 Credits

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-1-055, Ms Milliken, Sched No 708715

Nursing

HEALTH ASSESSMENT **NURSNG 205**

The focus of this course is on assessment, the first phase of the nursing process, seen within an organizing framework of systems analysis. The nursing diagnostic statement is emphasized as the basis for the planning of nursing management. The course introduces basic processes of health assessment, interviewing, and history-taking. Physical examination techniques (inspection, palpation, percussion, auscultation, measurement, and instrumentation) are described as extensions of the observation process. The course includes a practicum component.
Prerequisites: Biol 111, 207, 209; Chem 200 or Biol 108; Chem 107 and 108; Nursng 230.Co-requisite: Nursng 201, Nursng 210, Biol 208.
4 Credits
Lab fee: $35

LECTURE: MORNING, SESSION I
May 30-July 11, TuTh 8:15-11:15am
M-1-608, Staff, Sched No 705250

LAB: AFTERNOON, SESSION I
May 30-July 11, TuTh 12:00-2:00pm
Sched No 705257

LAB: AFTERNOON, SESSION I
May 30-July 11, TuTh 2:30-4:30pm
Sched No 705264

The College of Public and Community Service (CPCS) offers a competency-based curriculum leading to a bachelor's degree for adults who have a firm commitment to public or community service. Students can choose a career concentration in Community Planning, Criminal Justice, Gerontology, Human Services, Labor Studies, or Legal Education.

The following College of Public and Community Service Courses will be offered through the Division of Continuing Education this summer. Please note that these courses are open only to matriculated CPCS students. The fee for each course is $435, plus registration and service fees (see Fees and Payments, page 65).

PUBLIC AND COMMUNITY SERVICES **CORCT 100**

Students will examine who is rich and who is poor in America. They will learn how the State and Federal governments are structured and financed in order to understand more about Public and Community Services. They will examine several government "systems" (income assistance-welfare and social security; health care; criminal justice and environmental protection) with intent to understand community services and programs at local levels.
Prior Learning Needed: Reading I and Writing I

EVENING, SESSION II
July 19-Aug 25, MW 6:00-9:00pm
W-1-048, Ms Johnston, Sched No 701715

PUBLIC AND COMMUNITY INFORMATION GATHERING **CORCT 120**

This course is an introduction to various sources and types of information available to describe public and community characteristics. Students will gain practical skills in obtaining, summarizing and presenting information for both official and unofficial sources. Historical data and census data will be covered.
Prior Learning Needed: Reading I, Writing I, and Math I

MORNING/AFTERNOON, SESSION II
July 18-Aug 24, TuTh 10:00am-1:00pm
W-2-124, Mr Stone, Sched No 708309

EXPLORING HISTORY **CORCT 200**

In order to understand the current issues in public and community service, a student should be able to understand critical historical developments in the US government, economy, and society. An educated worker needs an awareness of how historical conflicts have created acceptable, and unacceptable, patterns of public policy and how such disputes have limited or expanded social expectations. By studying the development of a particular historical conflict at the national level, the student should be able to gain insights as to how the past influences contemporary public debates and social policies.

MORNING/AFTERNOON, SESSION I
May 30-July 12, TuTh 10:00am-1:00pm
W-1-012, Mr Aponte-Pares, Sched No 701743

CULTURAL DIVERSITY THROUGH LITERATURE **CORCT 210**

Students in public and community service should be able to understand and communicate with people of different backgrounds. As part of this learning, students should develop competence in reading and interpreting the literature of different cultural groups. Through fiction, poetry, and autobiography, we come to understand cultural experience and group conflicts. Students should be able to use this literature to gain insights into their own and other groups.
Prior Learning Needed: Reading I and Writing I

EVENING, SESSION I
May 31-July 11, MW 6:00-9:00pm
W-1-043, Ms Holder, Sched No 708316

CRIME, JUSTICE, AND SOCIETY **CRIJUS 262**

For information on course content, see Sociol L262 (page 34).

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-198, Mr Bebo, Sched No 702009

AFTERNOON, SESSION II
July 17-Aug 23, MW 1:30-4:30pm
W-1-046, Mr Pierce, Sched No 702016

ISSUES IN RACE, CLASS, AND GENDER **CRIJUS 321**

For information on course content, see Sociol L321 (page 34).

MORNING/AFTERNOON, SESSION II
July 17-Aug 24, MTuWTh 11:45am-1:15pm
W-2-198, Mr Schaefer, Sched No 709345

RESEARCHING CRIMINAL JUSTICE ISSUES **CRIJUS 351**

For information on course content, see Sociol L351 (page 35).

MORNING, SESSION I
May 30-July 12, MTuWTh 10:00-11:30am
W-2-198, Mr Movahedi, Sched No 702044

CORRECTIONAL INSTITUTIONS AND PROCEDURES **CRIJUS 363**

For information on course content, see Sociol L363 (page 35).

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-057, Mr Pierce, Sched No 709352

LEGAL AND MORAL DILEMMAS IN CRIMINAL JUSTICE **CRIJUS 368**

For information on course content, see Sociol L368 (page 35).

MORNING/AFTERNOON, SESSION I
May 30-July 11, TuTh 10:00am-1:00pm
W-2-125, Ms Mignon, Sched No 709359

INNOVATIONS IN POLICE POLICY AND MANAGEMENT **CRIJUS 465**

For information on course content, see Sociol L465 (page 35).

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-041, Mr Taylor, Sched No 709366

CRIMINAL LAW **CRIJUS 467**

For information on course content, see Sociol L467 (page 35).

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-041, Staff, Sched No 709373

The Center for Occupational Education was established in 1981 to meet the needs of prospective vocational educators in metropolitan Boston by offering courses leading to vocational and vocational special needs approval, special topics courses, and courses in technology education. The Center has served over 10,000 vocational educators and other school personnel and now also offers additional programs and services dedicated to enhancing proficiency and professionalism within the field.

The Center is administered by the Division of Continuing Education but operates under the academic authority of the University's Graduate College of Education, which provides expertise in research, curriculum design, and the development of pedagogical competencies.

Occupational Education

COMPETENCY-BASED VOCATIONAL EDUCATIONAL CURRICULUM DEVELOPMENT — OCCED 207

This course is designed to help provisionally approved vocational educators develop competency-based curriculum materials for effective teaching of vocational programs. Students will conduct occupational research, develop program task listings, carry out performance assessments, and devise performance tests.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 708925

TEACHING METHODS: INSTRUCTIONAL STRATEGIES IN VOCATIONAL TECHNICAL EDUCATION — OCCED 209

Teaching methods and strategies are a prerequisite for all prospective vocational teachers. This course will help prospective teachers to develop instructional styles, techniques, and materials for a competency-based educational environment. Prospective teachers will learn to adapt teaching styles to individual students' learning styles, prepare various forms of instructional materials, and develop an evaluation plan for assessing student competencies.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 5:00-8:00pm
Manufacturing Assistance Center, Worcester
Sched No 708883

EVENING, SESSION II
July 17-Aug 23, MW 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 708890

FUNDAMENTALS OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCCED 211

This course gives provisionally approved vocational/technical educators an historical perspective on vocational education and an insight into its future. The course will analyze federal and state laws germane to vocational education, as well as methods of implementing student organization programs. It will also analyze the workings of a vocational school meeting and examine a specific issue.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 708911

MANAGEMENT OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCCED 212

This course trains vocational educators in the theory and practice of effective classroom and laboratory management. Instructional organization, shop organization, safety, first aid, and student management will receive special emphasis.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 705362

STUDENTS WITH SPECIAL NEEDS IN VOCATIONAL TECHNICAL EDUCATION — OCCED 215

This course will provide an introduction to legislation governing the education of special-needs students in the vocational setting and to the different special-needs populations covered by special education legislation. There will be a special focus on working with these populations in the vocational setting. Teachers will prepare themselves to take a proactive role in special education team procedures and will be introduced to human service and manpower agencies that work effectively with special-needs students.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 5:00-8:00pm
Minuteman Science and Technology High School, Lexington
Sched No 708939

COMPUTERIZED VOCATIONAL TECHNICAL CURRICULUM MANAGEMENT — OCCED 216

This course is designed to provide the vocational technical educator with the skills required to use the microcomputer as a tool for curriculum, classroom record-keeping, and planning. Students will adapt, modify, and incorporate the curricular resources developed within Massachusetts, including CBVE and others, into practical learning applications using the computer. In addition to offering hands-on experience with a microcomputer, the course will enable participants to blend classroom and laboratory learning, with an emphasis on integrated software and its application within a vocational technical setting.
3 Credits

MORNING/AFTERNOON, SESSION II
July 31-Aug 9, MTuWThF 9:00am-3:00pm
UMass Boston Campus, Room TBA
Sched No 708897

A Note to Teachers

All of the graduate credit courses listed below can be used to satisfy the Professional Development Points (PDP) requirement set forth in the new Massachusetts recertification guidelines. Three-credit courses carry 45 PDPs.

American Studies

AMERICAN STUDIES SUMMER INSTITUTE
JULY 10-21, 2000

This year's topic is "Politics, Culture, and the Pursuit of Power: Presidential Elections 1960-2000."
See page 5.

Applied Linguistics

CROSS-CULTURAL PERSPECTIVES **APLING 622**

This course is designed to help students use a knowledge of the concepts and meanings of culture in developing their perceptions of cultural similarities and differences. Special emphasis is given to issues of linguistic and cultural discontinuities, the acculturation process, minority education, and inter-ethnic communication. Discussions and research are directed toward developing multicultural educational programs and activities.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
W-1-010, Mr Leistyna, Sched No 707924

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
W-1-010, Mr Leistyna, Sched No 707945

FOUNDATIONS OF BILINGUAL/MULTICULTURAL EDUCATION **APLING 641**

The rationale for bilingual education and its typology, with a survey of some successful Massachusetts programs. Special consideration given to the provisions of Title VII and the Massachusetts Transitional Bilingual Education Law.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
W-1-019, Mr Martinez, Sched No 707938

TESTING IN THE BILINGUAL/ESL CLASSROOM **APLING 670**

Students will become familiar with the language proficiency and language maintenance testing, and with other measurement and evaluative procedures needed in the administration and instruction of limited English proficiency students in ESL and bilingual programs.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
W-1-019, Mr Martinez, Sched No 707959

Applied Sociology

RESEARCH ISSUES IN CRIMINOLOGY AND ALCOHOL STUDIES **SOCIOL 623**

An advanced course exploring the linkage between drinking misbehaviors and the criminal justice system. Special attention is given to legislation focusing on alcohol-related offenses, legal and research issues, and on the evaluation of social programs formulated in response to alcohol-crime problems.
Prerequisite: Graduate standing or permission of instructor.
3 Credits
Special course fee: $635.50

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-043, Ms Hartwell, Sched No 709527

SOCIOLOGY OF LAW **SOCIOL 667**

This course provides a general analysis of the social origins, operations, and consequences of law and legal process. Alternative theories of the relation between law and society are considered. Special attention is given to criminal law, the operation of juvenile courts, discretion in the legal system, and methods of legal research. Alternative methods of dispute resolution are considered.
3 Credits
Special course fee: $635.50

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-043, Staff, Sched No 709569

Business Administration

See page 52 for summer MBA course listings.

Clinical Psychology

FORENSIC PSYCHOLOGY **PSYCH 614**

This course provides an overview of the relationship of criminal law and psychology and offers training in risk assessments and evaluation strategies. Through examination of actuarial data, criminogenic factors and various risk assessment tools, students will examine various approaches to evaluating offenders.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-208, Mr Delisa, Sched No 706559

Computer Science

THEORY OF COMPUTATION — CS 620

Functions computable by programs. Recursive functions and Turing machines; simulation and diagonalization. Universality and unsolvable problems. Kleene's hierarchy and the recursion theorem. Gregorczyk's hierarchy and Ackermann's function. Abstract complexity. Formal languages and classes of automata. Inherently difficult combinatorial problems.
Prerequisites: CS 310 and CS 320.
3 Credits
Special course fee: $750
Lab fee: $40

EVENING, SESSION I
May 30-July 27, MTuTh 6:00-7:30pm
M-2-116, Mr Simovici, Sched No 708386

DATABASE MANAGEMENT SYSTEMS — CS 630

Databases and database management systems. Physical database organization. The relational model. Relational algebra syntax and semantics. Relational calculus (tuple and domain oriented). Relational calculus vs. relational algebra). INGRES and QBE. Query optimization. Non-relational systems (hierarchical and network DBMSs). Distributed databases. Security aspects of databases.
Prerequisites: CS 310 and 320.
3 Credits
Special course fee: $750
Lab fee: $40

EVENING, SESSION I
May 30-July 27, MTuTh 7:45-9:15pm
M-2-116, Mr Simovici, Sched No 702324

Counseling

FOUNDATIONS OF MENTAL HEALTH COUNSELING — COUNSL 604

The intent of this course is to provide students with basic information on the principles and practices of mental health counseling. Topics include the history and philosophy of mental health counseling, professional identity, the roles of the mental health counselor, professional ethics, managed care, various contexts of practice and organizational structures, mandated clients, crisis intervention services, prevention, consultation, and an understanding of how diversity influences the practice of mental health counseling. Particular attention is given to the practice of mental health counseling in a range of such urban settings as homeless shelters and outpatient centers.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 7:15-9:15pm
W-1-019, Mr Houser, Sched No 708099

PRINCIPLES OF VOCATIONAL, EDUCATIONAL, AND PSYCHOLOGICAL ASSESSMENT — COUNSL 605

A survey of standardized tests used in assessing aptitudes, interests, and personality traits. The course covers technical and methodological principles and social, ethical, and legal implications of psychological testing.
3 Credits

EVENING, SESSION I
May 31-July 12, MWTh 5:00-7:15pm
W-1-044, Mr Entwistle, Sched No 708071

ABNORMAL PSYCHOLOGY — COUNSL 608

A comprehensive view of abnormal behavior in modern times. The course makes use of the revised DSM III classification systems of mental disorders and examines patterns of abnormal behavior including neuroses, psychosomatic conditions, psychosis including affective disorders, schizophrenias, abnormal behaviors of childhood and adolescence, sexual dysfunctions, and drug abuse. Brief coverage is also given to therapeutic treatments and their effectiveness.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 7:15-9:15pm
W-1-045, Ms Clarke, Sched No 708155

COUNSELING THEORY AND PRACTICE I — COUNSL 614

The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in the use of various techniques. The course covers the essentials of interviewing, note taking, and report writing, and the role of diagnosis. Tapes and role playing are required.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 7:15-9:15pm
W-1-029, Ms Clarke, Sched No 708113

COUNSELING THEORY AND PRACTICE II — COUNSL 615

This course is an extension of Counseling Theory and Practice I. Major theoretical approaches (dynamic, humanistic, behavioral) are considered. The course also involves the exploration of some non-traditional approaches, and the use of tape recordings, films, written records of interviews, and role playing.
Prerequisite: Coun 614.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
W-1-029, Ms Weinreb, Sched No 708169

GROUP COUNSELING AND GROUP DYNAMICS — COUNSL 616

An introduction to group dynamics which uses the group process of the class to provide experience of group membership and data for interpretation. Participation as a group member is required. Readings and lectures build a cognitive base for evaluating the experiential learning.
Prerequisite: Coun 615.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
W-1-060, Mr Houser, Sched No 708127

REHABILITATION OF THE PENAL OFFENDER — COUNSL 662

This course provides students with a psychological perspective on crime and criminal justice in the United States. The course focuses on current explanations of offender behaviors and treatment efforts to change them. It attends to the various ethical and "effectiveness" issues raised by critics of rehabilitation. It explores the diagnostic and therapeutic roles and strategies of psychologists as they have developed in institutional and community settings.
Prerequisites: Coun 614, 615.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 7:15-9:15pm
W-1-019, Mr Mahdavi, Sched No 708183

CHILD ABUSE AND NEGLECT **COUNSL 664**

This course addresses the growing problem of child abuse and neglect in American society, exploring the psychodynamic and sociocultural factors that contribute to child abuse. Emphasis is given to prevention, intervention, treatment, and the legal aspects of abuse and neglect.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 7:15-9:15pm
W-2-124, Ms Weinreb, Sched No 708197

SUBSTANCE ABUSE IN MODERN SOCIETY **COUNSL 670**

This course surveys the broader problems caused by substance abuse in modern society, both presenting and analyzing data. Part of the course is devoted to a study of the physiological consequences of substance abuse. Consideration is also given to the family of the substance abuser, to various treatment modalities, and to the relationship between the criminal justice system and substance abuse rehabilitation.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
W-1-060, Mr Mahdavi, Sched No 708211

SEXUALITY AND RELATIONSHIPS IN COUPLES AND FAMILIES **COUNSL 697A**

Course participants will study human sexuality within a relational and contextual paradigm. Students will review the development of human sexuality, physiological function, the notion of normal and dysfunctional sexual behaviors, gender identities, sexual arousal, couple intimacy, and its implications for families and family therapy. This course draws from interdisciplinary knowledge to enhance the ability of clinicians to adequately intervene with couples and families. Students will analyze writings from biology, philosophy, women and men studies, psychology, family therapy, and public health. This course employs lectures, class discussion, readings, and clinical analysis.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 7:15-9:15pm
W-1-060, Ms Beaver, Sched No 709695

Critical and Creative Thinking

SUMMER INSTITUTE IN CRITICAL THINKING: SCIENCE, EDUCATION, AND SOCIETY
JULY 14-AUGUST 5
See page 5.

CRITICAL THINKING **CRCRTH 601**

This course explores issues about the nature and techniques of critical thought, viewed as a way of thinking aimed at minimizing error and irrationality in our beliefs and attitudes. Views about observation and interpretation, reasoning and inference, and valuing and judging are all considered in this general context, with special reference to questions about how we can help others to develop the skills needed to do these things well, in a variety of educational settings.
3 Credits

AFTERNOON, SESSION II
July 17-Aug 3, MTuWTh 1:00-4:00pm
W-1-019, Team Taught, Sched No 701981

BIOMEDICAL ETHICS **CRCRTH 697A**

Critical thinking about dilemmas in medicine and health care policy: allocation of scarce resources in organ transplants and managed care, informed consent, experimentation on human subjects, AIDS research, the ethics of genetic screening, and finally, euthanasia and physician assisted suicide.
3 Credits

MORNING/AFTERNOON, SESSION II
July 17-Aug 3, MTuWTh 9:00am-12:00pm
W-1-019, Ms Smith, Sched No 708330

EFFECTIVE TEAMBUILDING **CRCRTH 697B**

This course introduces creative communication strategies for teamwork that really addresses workplace problems and issues. Through simulations of typical organizational situations you develop skills in giving and getting feedback, presenting your ideas and opinions, and ensuring shorter and more productive meetings. The course takes the form of a two-day interactive, experimental workshop, which will make you more aware of your communication style, its effect on others, and options for improvement.
1 Credit
A non-credit option is also available; please contact the Critical and Creative Thinking Program at 617.287.6520.

MORNING/AFTERNOON, SESSION I
June 2-3, FS 9:00am-4:30pm
W-2-209, Mr Bradford, Sched No 708344

NEW DIRECTIONS IN SCIENCE EDUCATION **CRCRTH 697C**

This course consists of a series of two-day workshops designed for educators to learn and practice new approaches to teaching science in schools and colleges and promoting public understanding of science. Workshop topics include: critical thinking and science, problem-based learning, science in its social context, and aligning innovation with science education standards.
Prerequisite: Permission of the program director.
3 or 4 credits
A non-credit option is also available; please contact the Critical and Creative Thinking Program at 617.287.6520.

MORNING/AFTERNOON, SESSION II
July 14-Aug 5, FS 9:00am-4:30pm
W-2-209, Team Taught

Dispute Resolution

NEGOTIATION **DISRES 600**

This course focuses on building students' skills as negotiators. Students learn about alternative strategies available to negotiators and how to choose among those alternatives to achieve a desirable settlement. Negotiation simulations and critiques are a major component of this class.
3 Credits
Special course fee: $635.50

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm (also Saturday June 3, 9:00am-4:00pm)
W-1-048, Ms Brodrick, Sched No 708400

MEDIATION **DISRES 601**

This course enables students to think as mediators. It provides a framework for defining the role of mediator and for mastering the techniques needed for the job. A variety of approaches to mediation are considered.
3 Credits
Special course fee: $635.50

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm (also Saturday August 14, 9:00am-4:00pm)
W-1-048, Ms Grant, Sched No 708393

ALTERNATIVE DISPUTE RESOLUTION IN THE WORKPLACE **DISRES 697A**

An increasing number of workplaces, both public and private, are introducing systems for resolving internal disputes. Mediation and other alternative dispute resolution (ADR) programs now exist in many organizaitons to address such issues as supervisor-supervisee conflicts, management-union disputes, and team-workgroup problems. Using case studies from a range of work environments, this course explores ADR systems in the workplace, examining their usefulness, their limitations and their future.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-042, Mr Hinds, Sched No 708414

Education, Elementary and Secondary

SOCIOCULTURAL PERSPECTIVES ON EDUCATION **EDC G 606**

This course examines the interrelationships among students, schools and society. Participants learn about the ways in which race, class, language, and ethnicity influence how we define ourselves and each other in our various encounters within the broader culture of US society. The course examines the historical antecedents influencing how the lives of the immigrant and colonized peoples in the US are defined. It is designed as a foundation for understanding the policies, goals, assumptions, strategies, and practices of multicultural approaches to education; and draws on a variety of models to construct educational curricula that are multicultural and socially reconstructionist. Readings are placed within the context of public schooling today in order to develop students' "cultural consciousness" of the shared societal assumptions that we bring to our teaching experiences.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
M-2-209, Ms Barron, Sched No 702891

COMPUTERS, TECHNOLOGY, AND EDUCATION **EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-207, Mr Kidwell, Sched No 702905

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
S-2-063, Staff, Sched No 709674

DESIGNING INSTRUCTION: THE ARTS **EDC G 620**

This course offers an experiential model of arts integration based in classroom practice. The course combines current theory concerning the role of art in cognitive development with hands-on workshops and exercises geared to enhance participants' skill and confidence with diverse media. Topics include an examination of constructive processes, integrative curriculum design, the use of the arts to foster learning and intellectual growth, different learning styles, fine and gross motor activity in the classroom, and the importance of play and physical activities in the classroom.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-2-207, Ms Walker, Sched No 708561

TEACHING WRITING IN THE K-12 CLASSROOM **EDC G 621**

This course deals with the teaching of writing, the teacher as writer, and the interactions between reading and writing. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching reading and writing in all subject areas. Students meet regularly in reader-writer response groups to work on their own writing and to respond to one another's writing about reading. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.
Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617.287.7625.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-420, Mr Golden, Sched No 702933

READING IN THE CONTENT AREAS **EDC G 640**

This course familiarizes participants with developmental reading techniques appropriate for students using various textual materials. Attention is given to the integration and application of reading and study skills in a number of content areas. Field-based observations are required.
Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617.287.7625.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
M-2-415, Mr Quintiliani, Sched No 702954

AFTERNOON, SESSION II
July 5-Aug 3, MTuWTh 2:30-4:30pm
W-1-020, Staff, Sched No 709681

DEVELOPMENTAL STAGES: CHILDHOOD TO ADOLESCENCE **EDC G 644**

This course examines current research and theory about human intellectual, social, and affective development from infancy through adolescence. Topics include the development of linguistic, symbolic, and quantitative systems, cognition, creativity, the developmental interactions of culture, thought, language, and learning, and the implications of current developmental theory and research for educators.
Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617.287.7625.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
M-2-209, Ms Clark, Sched No 702982

DESIGNING SECONDARY CURRICULUM AND LEARNING ACTIVITIES **EDC G 660**

This course examines current principles of curriculum and instruction, and state and national standards for the teaching of the disciplines at the middle and secondary school levels. Students review teaching materials and methods, design curriculum units, develop strategies for communicating with students from diverse backgrounds, do micro-teaching, design assessment and evaluation instruments, and critique their own and one another's efforts. This is a field-based course in which students are asked to reflect on the learning and teaching they see in a variety of school sites, and apply what they observe as they design curriculum units.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-2-428, Mr Grinnell, Sched No 708547

English

THE TEACHING OF SHAKESPEARE **ENGL 612**

This course combines intensive study of a few selected plays and poems with approaches to the teaching of Shakespeare, approaches which emphasize the speaking, hearing and acting of text and which address the linguistic and cultural obstacles to reading a sixteenth century British writer. Portions of the course will be devoted to workshops affording opportunities to practice these approaches and to see them practiced.
3 Credits

AFTERNOON, SESSION II
July 18-Aug 24, TuTh 1:30-4:30pm
W-2-123, Mr Slover, Sched No 703479

MODERNISM IN LITERATURE **ENGL 648**

This is a course not in modern literature but in modernist literature—not Frost and Fitzgerald, but Joyce, Pound, Eliot, Stein, Woolf, Hemingway, Faulkner, Williams, and Stevens—writers who are to literature what Picasso, Stravinsky, and Corbusier are to painting, music and architecture. We discuss some modernist art and architecture (Cubism, Fauvism, the Bauhaus) by way of defining the characteristics of the modernist sensibility—its intense subjectivity, its love of the perverse, its rejection of traditional aesthetic order, its sense of radical rupture with the traditional past and of a relationship between writer and reader involving effort and conflict. "On or about December 1910," wrote Virginia Woolf, "human nature changed." That's where we begin—with the death of the old world and the birth of our own.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-040, Mr Divver, Sched No 708610

History

TOPICS IN AMERICAN HISTORY: AMERICAN REVOLUTION **HIST 682**

Examinations of important themes in American political, social, cultural, and intellectual history. The topic of this course is Britain and America during the Revolution.
3 Credits

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
M-2-420, Mr Chu, Sched No 708694

Instructional Design

TELEVISION PRINCIPLES FOR INSTRUCTIONAL DESIGN — INSDSG 610

This course provides a comprehensive introduction to television production theory and technique, including the study of principles for analyzing and synthesizing information, and of some basic video instructional formats. The goal is to equip those responsible for developing instructional materials with the skills they need in order to work with video professionals in creating, designing, and producing instructional video programs.
Prerequisites: InsDsg 601, 602 and 604.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-052, Mr Jessoe, Sched No 708757

WRITING FOR THE BUSINESS PROFESSIONAL — INSDSG 614

This course is designed to help participants develop writing. It provides both analysis of written documents and a theoretical review of professional writing techniques. Assignments emphasize the writing tasks typically required of training and development specialists in any organization. They include the design, assessment, marketing, and evaluation of instruction. Participants develop the skills for effective communication with those outside the organization, and those at all levels within it.
Prerequisites: InsDsg 601 and 602.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-042, Ms Ballou-Hunt, Sched No 703955

WORKPLACE EDUCATION: THEORY AND PRACTICE — INSDSG 632

This course introduces workplace education through the study of organizational and human resource development. Emphasis is on managing productive change by using tested theory in actual workplace situations.
Prerequisites: InsDsg 601, 602, 604 and 618.
3 Credits

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-052, Staff, Sched No 703983

SURVEY OF EDUCATIONAL AND INSTRUCTIONAL TECHNOLOGY IN THE WORKPLACE — INSDSG 697B

This course is designed for instructional designers, managers, and educators interested in exploring educational and instructional technologies being used in the workplace. This survey examines the tools used in distance education, computer-based training and new media such as streaming video. Web-based training and videoconferencing. Implementing instructional technologies in the workplace requires an understanding of the educational, technical, financial, and logistical considerations relative to each media.
3 Credits

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-052, Mr O'Rourke, Sched No 709667

Nursing

PATHOPHYSIOLOGY FOR ADVANCED PRACTICE NURSES — NURSNG 632

This course presents the pathophysiological knowledge required of the advanced practice nurse when diagnosing and treating common physical and mental illnesses throughout the life span. It explores current research findings relevant to the pathophysiology of common illnesses. Students analyze laboratory data in light of actual and potential pathophysiological processes. Special emphasis is given to the case study analysis of pathophysiological manifestations and related complications of common urban health problems.
Prerequisite: Admission to the MS program with an adult/gerontological or family nurse practitioner concentration; or permission of graduate program director.
3 Credits
Special course fee: $750

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
M-1-420, Staff, Sched No 705278

ADVANCED HEALTH ASSESSMENT AND PROMOTION — NURSNG 633

This course focuses on the theory and practice of health assessment and promotion within the family framework and across the life-span. Emphasis is given to concepts, theories, and research on human development, and to anticipatory guidance, prevention, and early detection of risk factors and disease. Students develop the advanced interviewing and physical assessment skills necessary to conduct episodic health assessments of clients and families. Special attention is given to promoting health and preventing and detecting disease in culturally diverse under-served clients and families living within urban communities.
Prerequisites: Admission to the MS program with an adult/gerontological or family nurse practitioner concentration; or permission of the graduate program director; NURSNG 601 and NURSNG 632.
3 Credits
Special course fee: $750
Lab fee: $55

EVENING, SESSIONS I & II
May 30-Aug 22, Tu 5:00-7:00pm
M-2-208, Staff, Sched No 705292

LAB: EVENING, SESSIONS I & II
May 30-Aug 22, Tu 7:15-9:15pm
Sched No 705299

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES **NURSNG 634**

This course emphasizes the pharmacological knowledge required by the advanced practice nurse to safely treat patients with common physical and mental illnesses. Students synthesize knowledge of clinical pharmacokinetics and pharmacodynamics for application to the management of common disease processes occurring in pre- and post-natal women, infants, children, adolescents, adults, and older adults. Students analyze and discuss current research findings related to pharmaceutical therapies. Students are guided in the learning experience by faculty prepared in pharmacology and experienced in the role of applying the science of clinical pharmacology.
Prerequisite: NURSNG 632 or (for non-nurse practitioner students) NURSNG 661.
3 Credits
Special course fee: $750

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
M-1-420, Staff, Sched No 705320

School Psychology

NEUROPSYCHOLOGICAL THEORY AND PRACTICE IN EDUCATION **SPY G 610**

This course examines neuropsychology, the study of brain and nervous system functions, in relation to adaptive behavior and learning, from a developmental viewpoint. The course looks at organismic versus specific localization theories about normal and dysfunctional conditions that affect moving, sensing, perceiving, assimilating, recalling, and expressing through diagnostic-prescriptive studies. Participants study learning abilities and disabilities from a neuropsychological perspective, which allows them to apply the analysis of learning styles to the implementation of individual instruction methods and education plans.
Prerequisites: COUNSL 608 or SPY G 602; and SPY G 603.
3 Credits

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-061, Ms Leavell, Sched No 709093

Special Education

BEHAVIORAL AND CLASSROOM MANAGEMENT **SPE G 607**

This course identifies major theorists, techniques, and procedures for facilitating constructive behavior in the classroom. Topics include observational recording systems, contingency contracting, and monitoring of behavioral progress. Emphasis is on prosocial skill development and classroom structures conducive to collaborative learning. Field work components are included.
3 Credits

EVENING, SESSION I
May 30-June 29, MTuWTh 5:00-7:00pm
W-1-062, Staff, Sched No 707301

DEVELOPMENTAL PATTERNS: IMPLICATIONS FOR THE SPECIAL EDUCATOR **SPE G 621**

Participants study physical, cognitive, perceptual, and psychological aspects of the atypical developmental patterns of children and adolescents with varying disabilities. They explore the conceptual frameworks for understanding normalcy which address cultural, racial and ethnic expectations, family, community, and peer group norms, sex role demands, and psychological definitions. The course also examines the implications of federal and state laws, regulations, and policies related to students with disabilities and special educational needs. Emphasis is given to the relative effectiveness of differing remediation and therapeutic approaches for school-aged students with special needs.
3 Credits

EVENING, SESSION II
July 5-Aug 3, MTuWTh 5:00-7:00pm
W-1-062, Staff, Sched No 707315

Business Administration (MBA)

The College of Management provides a high-quality, high-value MBA program for a student body comprised largely of professionals living and working in the Boston metropolitan region, most of whom study part-time. The strengths of our program are our faculty, our small classes, and our flexibility.

Note: Current UMass Boston MBA students in good standing may register directly with Continuing Education. Other UMass Boston graduate students must request written permission from the MBA Program Director to register. Summer MBA courses are generally not available to non-degree students. For further information, call the MBA Program Office at 617.287.7720.

INTERNATIONAL ACCOUNTING — MBA AF 615

This course examines the international dimensions of financial accounting and analysis; the environmental influence of specific countries on international accounting standards and their related impact on financial reporting; and disclosure and analysis world wide. Specific attention is given to inflation accounting, foreign currency transactions, the translation of foreign financial statements, and the status of international accounting standards. (An international management elective.)
Prerequisite: MBAAF 610. MBAAF 611 is recommended, though not required.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-2-158, Mr Seltz, Sched No 704508

FINANCIAL MANAGEMENT — MBA AF 620

This course is intended to provide the student with a sound understanding and appreciation of the principles of corporate finance. The course covers the theory and practice of financial decision making by managers and describes how financial theory can be used to address practical problems and to illuminate institutional aspects of the financial world. Topics include the time value of money, capital budgeting, financial statement analysis, asset valuation, portfolio theory, capital structure, dividend policy, long-term financing, and issues of corporate control. The course enables students to develop the skills and intellectual framework for addressing a variety of financial problems.
Prerequisites: MBAAF 601 and 610.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-054, Mr Bandopadhyaya, Sched No 704522

ADVANCED CORPORATE FINANCE — MBA AF 621

This course is a natural extension of MBA AF 620, the core financial management course. It builds on the principles and concepts developed there and introduces such new topics as real options, convertible securities, lending, mergers and acquisitions.
Prerequisite: MBA AF 620.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-054, Mr Ejara, Sched No 708785

BUSINESS AND ITS ENVIRONMENT — MBAMGT 660

Looks at the relationship of business to the external environment. The course considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the US business enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-054, Ms Jackson, Sched No 704585

INTERNATIONAL AND COMPARATIVE MANAGEMENT — MBAMGT 665

Introduces students to the perspectives and dimensions of management and organizations in settings that span national boundaries. Course materials will stress the nature, structure, dynamics, and problems faced by international and multinational organizations. Adaptive and competitive strategic behaviors of firms working in cross-national environments will be analyzed as well as the array of economic, sociocultural, and political determinants of managerial behavior in these settings. (An international management elective.)
Prerequisites: AF 601, MGT 650 and 660.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-1-055, Mr Boroschek, Sched No 704599

INTRODUCTION TO ENVIRONMENTAL MANAGEMENT — MBAMGT 671

Gives students an understanding of current environmental issues as they relate to managerial decision-making. The issues are examined from the worldwide perspectives of business and society. The course focuses on issues of waste and recycling, air quality (including ozone depletion, global warming, and acid rain), water quality, resource management, biodiversity, and sustainable economic growth. (An environmental management elective.)
Prerequisite: Four core courses.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-054, Ms Diener, Sched No 708771

MANAGEMENT OF HEALTH ORGANIZATIONS — MBAMGT 680

Explores the roles of the health systems manager as planner, organizer, leader, and integrator of health programs. Particular attention will be given to how these roles differ from industry's roles, as well as to the special demands made of the manager in a health systems organization.
Prerequisite: MGT 650.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-055, Mr Bowes, Sched No 708799

STRATEGIC MANAGEMENT **MBAMGT 689**

Considers the diverse situations typically confronted by upper level management and strategies for managing these situations, using knowledge acquired through study of the MBA Core. These strategies are based on an analysis of the internal conditions of the firm and the constraints and opportunities afforded by the external environment. Students learn to develop strategy implementation plans that provide detailed descriptions of appropriate executive action.
Prerequisites: This course is to be taken in the student's final semester of study.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-055, Mr Habib, Sched No 704627

MARKETING MANAGEMENT **MBAMKT 670**

Focuses on the strategic decisions necessary to match organizational resources with market opportunities. Students learn to analyze market opportunities, to develop marketing plans and marketing mix strategies, and to manage implementation and control of the marketing plan.
Prerequisite: AF 610.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-055, Mr McClure, Sched No 704641

DATABASE MARKETING **MBAMKT 677**

Examines information technology and its impact on the way marketing managers conduct operations and develop strategies to achieve competitive advantage. The course is designed to help marketers understand how changing technology will affect their organizations and careers.
Prerequisite: MKT 670.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-2-125, Ms Roberts, Sched No 704655

ORAL COMMUNICATION FOR MANAGERS **MBAACM 682**

Helps students improve their oral communication skills. Its purpose is to improve (1) students' organizational effectiveness as managers, and (2) students' personal effectiveness as speakers. Course topics include the communication process, communicating in organizations, the substance of oral communication (argument and persuasion), and the form of communication (organization and delivery).
Prerequisite: Completion of four MBA core courses.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 31-July 12, TuTh 6:00-9:00pm
Room TBA, Ms Tolbert, Sched No 704550

EVENING, SESSION II
July 17-Aug 23, MW 6:00-9:00pm
W-1-012, Ms Tolbert, Sched No 704557

MATHEMATICAL ANALYSIS FOR MANAGERS **MBAMS 600**

Provides the necessary mathematical skills and applications necessary to pursue graduate study at the College of Management. Topics covered include a review of basic algebra; graphing; linear, polynomial, exponential and logarithmic functions; functions of several variables; systems of linear equations; probability; differentiation and integration.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-1-061, Mr Agunwamba, Sched No 708834

STATISTICAL ANALYSIS FOR MANAGERS **MBAMS 630**

Acquaints students with statistical techniques used in management decision-making and develops their ability to characterize management problems that can be solved by such techniques. Topics include descriptive statistics, probability distributions, sampling, estimation, hypothesis testing, simple and multiple regression and correlation, chi square testing, analysis of variance, and decision theory. Students make use of computers and appropriate software to apply what they are learning.
Prerequisite: MBAMS 600.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 30-July 11, TuTh 6:00-9:00pm
W-2-125, Staff, Sched No 704676

OPERATIONS MANAGEMENT **MBAMS 635**

Familiarizes students with the analysis, planning, and control of operations and operating resources in both production and service organizations. Topics covered include product design and process selection, capacity planning, location and layout decisions, and inventory control. Analytical techniques used in system design and operations planning and control problems are also discussed. Students make use of computers and appropriate software to apply what they are learning.
Prerequisite: MBAMS 630.
3 Credits
Special course fee: $540

EVENING, SESSION II
July 18-Aug 24, TuTh 6:00-9:00pm
W-2-126, Mr Richetta, Sched No 708806

PROJECT MANAGEMENT **MBAMS 651**

The pervasive nature of information systems and information technology (IS/IT) now influences most operational and managerial facets of modern organizations. Project management of the planning, designing, and implementation of information systems to meet corporate goals and objectives is an essential management process that can determine the success or failure of IS/IT projects. Topics include software development, life cycle models and paradigms, software cost estimation, project planning and risk analysis, work breakdown structure, project execution and control, project scheduling activities, automated project management tools, CASE tool and objective oriented applications, software maintenance and reuse, and software capability maturity models.
Prerequisite: MBAMS 640.
3 Credits
Special course fee: $540

EVENING, SESSION I
May 31-July 12, MW 6:00-9:00pm
W-1-061, Ms Ashrafi, Sched No 708820

Adapting Curriculum Frameworks for All Learners

This graduate certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information on the certificate program in Adapting Curriculum Frameworks for All Learners, contact Kelly Clark at 617.287.7250 or e-mail to kelly.clark@umb.edu.

Database Technology

The program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information on the certificate program in Database Technology, contact the Division of Continuing Education at 617.287.7913, or e-mail to kathy.fitzpatrick@umb.edu.

Dispute Resolution (K-12 Educators)

This 18-credit graduate certificate program is designed for K-12 educators, parents, and other personnel connected to schools. It offers hands-on training in negotiation and mediation, with special emphasis on conflict resolution issues and initiatives in schools. The curriculum also provides students with a solid grounding in the theory that underpins conflict resolution practice.

For more information, please contact Amy Gay, tel 617.287.7415, fax 617.287.7099, e-mail disres@umbsky.cc.umb.edu.

Forensic Services

Forensic Services broadly encompasses criminal investigation, social science research, law, and the workings of related social service systems. The Graduate Certificate Program in Forensic Services is designed to provide a strong grounding in basic science, mental health counseling principles, and social theory, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments.

For more information, please call the Division of Continuing Education at 617.287.7913, or e-mail to kathy.fitzpatrick@umb.edu.

Nurse Practitioner (Family or Gerontology/Adult)

These Certificate of Advanced Graduate Study (CAGS) programs are designed for registered nurses with a master's degree in nursing and strong clinical practice experience. The programs will prepare them to provide primary health care to families or adults/older adults as family or gerontology/adult nurse practitioners. Certificate students will focus their studies on health-related problems specific to individuals and families residing in urban communities. Each program comprises 27 credits.

For more information on the Nurse Practitioner certificate programs, contact the Division of Continuing Education at 617.287.7913, or e-mail to kathy.fitzpatrick@umb.edu.

Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 credits offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/ Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

If you would like further information on the certificate or the possible application toward a Masters of Education degree in Special Education, Regular Education, or Rehabilitation Counseling, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Women in Politics and Government

The Program for Women in Politics and Government is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. The program begins in September and runs through May.

Students in the program earn credits from UMass Boston's MA Program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen credits for the certificate: nine credits in course work, six credits for the internship, and three credits through the final case-study project.

The program comprises the following courses:

- Contemporary American Public Policy Issues
- Women in American Politics and Policy Making
- Internship
- Case Study Methodology for Policy Analysis
- Case Study

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

To obtain deadline and program fee information or application materials, or to arrange for a personal interview, please contact Jain Ruvidich-Higgins, Assistant Director, Program for Women in Politics and Government, University of Massachusetts Boston, Division of Continuing Education, 100 Morrissey Blvd., Boston, MA 02125-3393; telephone 617.287.6785; e-mail jain.ruvidich-higgins@umb.edu.

Information Technology Courses

UMass Boston's Information Technology courses are intended for professionals from a variety of business and employment backgrounds with differing levels of familiarity with computers and information technology. Whether you wish to improve existing skills to obtain a promotion, develop new skills to take advantage of careers in hot new areas of technology, or prepare for professional certification, these classes will deliver the training you need.

Course offerings cover a wide range of IT topics: network essentials, Web design principles and tools, database design and administration, applications development, and electronic publishing.

All of our trainers have real-world business experience and will advise you on how to use these skills in the marketplace. Our new state-of-the-art facility and low instructor-to-student ratio allows each participant the best possible learning environment. All materials are included in the price of the class.

Our Summer 2000 Information Technology course schedule will be announced in March. If you would like more information about these courses, call 617.287.7876, e-mail susan.griffin@umb.edu, or visit www.conted.umb.edu/infotech.html.

Test Preparation

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. The fee for each course is $300. All courses meet at the Boston Campus. Enrollment is limited. Please register early, using the form on page 58.

Additional sections are being scheduled as this bulletin goes to press; for up-to-date information, call 617.287.7900.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

The GRE exam will henceforth be available only online at designated centers. However, we will still offer regularly scheduled prep courses. For more information, please call 1-800-GRE-CALL.

June 22-July 29, TuTh 6:00-9:00pm
Sched No 22221-50
Course Fee: $300

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

The GMAT exam will henceforth be available only online at designated centers. We will still offer regularly scheduled prep courses. For more information, please call 1-800-GMATNOW.

April 5-M ay 24, MW 6:00-9:00pm
Course fee $300, Sched No 22231-40

June 5-July 19, MW 6:00-9:00PM
Course fee $300, Sched No 22232-40

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

Review for the June 12 LSAT
May 2-June 8, TuTh 6:00-9:00pm
Course fee $300, Sched No 22241-40

Review for the October 7 LSAT
Aug 29-Oct 5, TuTh 6:00-9:00pm
Course fee $300, Sched No 22241-50

Math Refresher Course

For those who are either math-phobic or interested in refreshing their math skills—for GMAT and GRE prep courses and exams, and other professional or educational endeavors—this course offers a review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, quadratic equations, formula solving and manipulation, and basic concepts of geometry. Students will be introduced to the language of math. Math shortcuts will also be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings. To register for this course, use the form on page 58.

July 17-Aug 16, MW 6:00-8:00pm
Course fee: $150, Sched No 22211-50

The programs in English Language Study offered by the Division of Continuing Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency. Course work increases competence in all English language skills, including listening, speaking, reading, and writing.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate course levels, they must attend an assessment session. The session consists of a short placement test, a writing sample, and an interview with a program instructor. The assessment is completed at the first scheduled class meeting.

REFUND POLICY

Refunds will be granted to registered students who withdraw from English Language Study programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

ESL in Boston

These two six-week sessions offer students at all levels of English proficiency an experience of intensive study of English language and selected topics in US culture. Classes are in session each weekday morning and two afternoons for a total of 24 hours per week. Language learning continues with suggested field trips and activities based around Boston's historical and cultural riches. Preparation for University study will be scheduled on request.

Session I
June 5-July 14
Sched No 24121-40

Session II
July 17-August 25
Sched No 24121-50
Fee: $1,360 per session

English As a Second Language

EVENING CLASSES

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

English as a Second Language I, II, or III (weeknights):
ESL I: Mondays and Wednesdays 6:00-8:00pm
ESL II: Tuesdays and Thursdays 6:00-8:00pm
ESL III: Tuesdays and Thursdays 6:00-8:00pm

Summer Session
May 30-August 10 (no classes week of June 27)
Sched No 26191-40
Fee: $420

Registration Form • Non-Credit Programs

Please Print

Use this form to register for:

- **English Language Study**
- **Graduate Test Preparation**
- **Math Refresher Workshop**

Social Security #: ___ – ___ – ____

Name _____
Last First Middle Initial

Address _____
No. & Street City State Zip

Daytime Phone ( ) _____ **Evening Phone** ( ) _____

E-mail address _____

Sex ○ Male ○ Female **Date of Birth** _____
Month Day Year

Current UMass Boston student?

○ Non-Matriculated ○ Matriculated _____ Major
○ Undergraduate ○ Graduate

Student at other college or university?

○ Yes ○ No
If yes, where? _____

CE Staff Initials

Date Stamp

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other _____
H. Do not wish to report

This is your only record of your registration transaction!! Please retain a copy for your records

Course Selections

Sched. No.	Title	Starting Date	Course Fee		Materials Fee		Total
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	

For Office Use Only

Please calculate payment below:

Course and Materials Fees (total)

$25 Late Fee (if applicable)

Total Payment Enclosed

Full payment must accompany all registrations

Method of Payment

○ VISA ○ MasterCard
○ Check ○ Discover Card
○ Waiver ○ Bill Company/Agency

Send checks
(payable to UMass Boston) to:
UMass Boston
Continuing Education, Box NC
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7922

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards.
To do so, please provide the information requested.

____ - ____ - ____ - ____
Account Number

Expiration Date

Student Signature

Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Continuing Education cannot accept payment arrangements through Academic Management Services (AMS).

Urban Harbors Institute Programs

Seminars at Sea

Learn about the sights and sounds of Boston Harbor and Massachusetts Bay during this informative lecture series. Lectures will be given by UMass Boston faculty and staff and local experts. This program is offered on Wednesday evenings from 6:00-8:00pm, twice a month during July and August. Proposed Seminar topics and dates include "Know Your Ships: An Introduction to Tall Ships" (July 12), "The Neponset River: Yesterday and Today" (July 26), "The History of Boston Harbor" (August 9), and "The 'Ins' and 'Outs' of Navigating on Boston Harbor" (August 23). A cruise on Boston Harbor will take place in the middle and at the end of the summer, covering topics from the seminars. No prior knowledge is needed to participate in the seminars or cruises. A fee of $10 will be charged for the seminar and cruise. Attendees may take any number of seminars to participate in the cruise. Sponsored by the Urban Harbors Institute. Please call Madeleine Walsh at the Urban Harbors Institute at 617.287.5568 for further information.

Marine Safety Class

To explore Boston Harbor and Massachusetts Bay safely, learn the rules of the road, basic boat handling, vessel registration procedures, and basic navigation rules in the Marine Safety Class. This free five-week course will be offered from May 11 to June 8 from 7:00 to 9:00pm. A Certificate of Completion will be awarded by the Commonwealth of Massachusetts. This Certificate can be used for insurance and licensing purposes for minors. Sponsored by the Massachusetts Environmental Police and the Urban Harbors Institute. Please call Madeleine Walsh at the Urban Harbors Institute at 617.287.5568 for further information.

Internships

The Urban Harbors Institute offers non-credit internships during the summer for students participating in the Sea Studies Student Speaker Corps. Students will gain experience and knowledge in effective communication practices, basic nautical science, and in the history and uses of Boston Harbor by serving as at-sea interpreters. Please call Madeleine Walsh at the Urban Harbors Institute at 617.287.5568 for further information. All students are welcome.

Joiner Center Programs

Writers' Workshop

JUNE 18-30

The William Joiner Center for the Study of War and Social Consequences sponsors a summer Writers' Workshop featuring noted writers. Instruction is provided in poetry, fiction, nonfiction, and translation. Participants develop and discuss their own work throughout the two-week workshop. Applicants with diverse interests and backgrounds are encouraged to apply. The faculty will include Tim O'Brien, Larry Heinemann, Bruce Weigl, Demetria Martinez, Grace Paley, Nuala Ní Dhomhnaill, Lady Borton, Christian Langworthy, Marilyn Nelson, Martha Collins, Carolyn Fourché, Yusef Komunyakaa, Martín Espada, Eva Bourke, John F. Deane and others.

For more information, please contact:

T. Michael Sullivan, Coordinator
William Joiner Center
University of Massachusetts Boston
100 Morrissey Boulevard
Boston, MA 02125-3393
617.287.5850

The Vietnam Institute

JUNE 27-29

The William Joiner Center for the Study of War and Social Consequences each summer sponsors a two and one-half day institute for high school teachers on the teaching of the Vietnam War.

For more information, please contact:
Paul Atwood
William Joiner Center
University of Massachusetts Boston
100 Morrissey Blvd
Boston, MA 02125-3933
617.287.5850

Following are some of the offices, services, and activities available on the UMass Boston campus during summer sessions. Many of these services are supported by the Student Health, Activities and Athletics fees (see page 65).

Continuing Education Office

Wheatley Hall, second floor, room 203, 617.287.7900, FAX 617.287.7922, M-Th, 8:30am-6:00pm; F, 9:00am-4:00pm (May 30-June 1 and July 17-20: 8:30am-7:00pm)

The Division of Continuing Education is responsible for the planning and supervision of the summer sessions. The Continuing Education Office is set up to distribute information and resolve problems.

The Division on behalf of the University community welcomes to summer study both UMass Boston students and students visiting from other institutions. We hope that you find your course work challenging and rewarding. We will make every effort to insure that the administrative and procedural aspects of your experience are as efficient and trouble-free as possible. We welcome any comments or suggestions.

Summer Student ID Cards

ID cards are required for the use of such facilities as libraries and the Clark Athletic Center. They may be obtained at the Boston Campus through the Student Life Office (Wheatley Hall, 4th floor, room 178) Mondays through Thursdays, 9:30am-12:00 noon and 1:00-5:00pm. During the first two weeks of each session, the afternoon hours will be 1:00-6:00pm.

Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $5.00 (cash or money order; no personal checks). Current UMass Boston students taking summer courses need only present their ID card at the office to obtain a summer validation sticker.

Academic Advising and Career Counseling

University Advising Center, McCormack Hall, third floor, room 625, 617.287.5500 (May 20-August 30) M-F, 8:30am-5:00pm (walk-in services available M-Th 9:00am-5:00pm, F 9:00am-3:00pm); evening hours by arrangement.

Tutorial Services

College of Arts and Sciences Office of Academic Support Programs, McCormack Hall, third floor, room 421, 617.287.6550 M-Th 9:00am-5:00pm; scheduled group tutoring sessions and tutoring by individual appointment.

Financial Aid Services

Quinn Administration Building, first floor, 617.287.6300; M-Th 8:30am-5:00pm; F 10:00am-4:00pm.

The Financial Aid Services Office provides assistance in the processing of grants, scholarships, loans, and College Work-Study awards. It is also responsible for the coordination of all student employment on campus.

Student loans for the summer session are available to all UMass Boston students enrolled during the spring in an eligible degree or certificate program. Students should call or visit the Financial Aid Services Office in April for further details. All other students should explore aid possibilities with the financial aid offices at their own institutions.

Educational benefits offered through the Veterans Administration may be used during the summer session. Veterans should contact the Office of Veterans Affairs to determine their eligibility.

Veterans Affairs Office

Quinn Administration Building, Office of the Registrar, room 20, 617.287.5875; M-F 8:30am-5:00pm

The Veterans Affairs Office assists all veterans in obtaining their educational benefits, and helps them to resolve related problems.

Housing Referral Service

The University's Housing Referral Service helps prospective and currently enrolled UMass Boston students, and other members of the University community, find places to live. The service, which operates free of charge, maintains listings of Boston-area rooms, apartments, and houses for rent, and listings of students looking for room-mates. For more information, call 617.287.6011 or visit our office, located in the Quinn Administration Building, first floor, room 25, Monday-Thursday, 9:00am-5:00pm and Friday, 10:00am-4:00pm.

Child Care Center

270 Mount Vernon Street (Harbor Point), 617.287.6195, M-F 8:00am-5:00pm

If space allows, child care is available to summer students at UMass Boston. The child care program is operated by trained personnel; a subsidized fee scale determines charges. Children between the ages of 18 months and 6 years are eligible.

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the Boston Campus plaza, easily accessible from the catwalk that connects all buildings on campus.

The Healey Library's summer hours are as follows: Monday through Thursday, 8:00am-7:00pm; Friday, 8:00am-5:00pm; Saturday 9:00am-5:00pm; Sunday, closed. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

Computer Labs

The Central Computer Center facilities, which include a VAX terminal room, IBM-PC labs, and Macintosh labs, are located on the Upper Level of Healey Library. The facilities are open to summer students who present a valid summer session ID card and proof of summer registration. During the summer session, the facilities are open Monday-Thursday, 9:15am-8:45pm, and Friday, 9:15am-4:45pm. For more information, please call the Computing Services Help Desk at 617.287.5220.

Adaptive Computer Lab

Healey Library, Lower Level, room 019, 617.287.5227; M-Th 9:15am-8:45pm; F 9:15am-4:45pm.

The Adaptive Computer Lab provides computer access for students, faculty, and staff with disabilities.

Ross Center for Disability Services

McCormack Hall, first floor, room 401, 617.287.7430; MF 8:30am-5:00pm; Tu-Th 8:30am-7:00pm; other hours by arrangement.

The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Health Service

The University Health Service offers outpatient medical care, counseling, health education, and mental health programs for all enrolled students. Students may be seen by appointment or on a walk-in basis. The Medical Service provides unlimited medical visits, gynecological care, health counseling, routine laboratory work, and referrals when necessary. The Mental Health and Counseling Service provides personal growth counseling and crisis intervention as well as information, consultation and referral, and walk-in emergency services. The Health Promotion Program supports the clinical efforts of the Health Service and promotes responsible health consciousness throughout the University community by sponsoring workshops, drop-in information/referral services, and special events. The PRIDE Program is designed to promote responsible decision making relative to the use of alcohol and the absence of use of other drugs through workshops, drop-in information, and special events related to stress management, weight management, smoke cessation, and AIDS education.

MEDICAL SERVICE

Quinn Administration Building, second floor, room 040, 617.287.5660
Summer session hours: M-Th 8:50am-6:30pm; F 8:50am-4:30pm

MENTAL HEALTH AND COUNSELING SERVICE

Quinn Administration Building, second floor, room 042, 617.287.5690
Summer session hours: M-F 8:50am-4:30pm

HEALTH PROMOTION PROGRAM

McCormack Hall, first floor, room 613, 617.287.5685
Summer session hours: M-F 9am-4:30pm

PRIDE PROGRAM

McCormack Hall, second floor, room 414, 617.287.5680
Summer session hours: M-F 9am-4:30pm

Athletics

Catherine Forbes Clark Athletic and Recreation Center, 617.287.7800, M-F 10:30am-7:00pm, Sat 9:00am-1:00pm; closed Sundays

Beacon Fitness Center, 617.287.6786, McCormack Hall, first floor; MW 6:00am-10:00pm, TuTh 7:00am-10:00pm, F 6:00am-8:30pm, S 9:00am-1:00pm; closed Sundays

The Clark Center houses a swimming pool, a gymnasium, and combative and creative areas. The Beacon Center on the first floor of McCormack Hall includes Nautilus and free weights, an aerobics area, cardiovascular machines, and squash and racquetball courts. An athletic field, eight tennis courts, and a softball field are available for student use. Organized activities are listed in a schedule available at the Athletics Office on the first floor of the Clark Center. Note: a current, valid UMass Boston ID is required for entrance to all University athletic facilities.

Sailing Program

Sailing instruction is offered from April 15 through October 15. Appropriate certification is awarded according to the level of proficiency achieved. Fourteen Mercury sailboats, five Lasers, and eight rowing dories are available at the sailing dock, which is next to the pump house, near the Healey Library.

For hours and further information, please call 617.287.7833.

Student Life Office

The Student Life Office presents a variety of social and cultural summer programs. Past events have included cookouts, tickets to whale watching trips, movie passes, and museum tickets. For a complete and current listing of events please visit the Student Life Office, Wheatley Hall, 4th floor, room 181, 617.287.7950, Monday through Friday, 9:00am-5:00pm.

Harbor Art Gallery

This student-run gallery exhibits professional and student work. It is located on the first floor of McCormack Hall.

Mass Media

The student-run newspaper is published every other Tuesday during the summer. It is available at various stands around campus. For more information, call 617.287.7990.

WUMB

UMass Boston's radio station operates at 91.9 on the FM dial and features a varied format of music and public affairs programming. For more information, call 617.287.6900.

Bookstore

Quinn Administration Building, UL (Upper Level), 617.287.5090; M, 8:30am-7:00pm; Tu-Th, 8:30am-6:00pm; F, 8:30am-5:00pm; May 30 (Tu) 8:30am-8:00pm; May 31 (W) 8:30am-7:00pm; July 17 (M) 8:30am-7:30pm

Recreation

Video games and pool tables are available in the recreation room located in the McCormack Hall Cafeteria.

Cafeterias

Quinn Administration Building, UL (Upper Level)

McCormack Hall, third floor

Wits' End Cafe (Wheatley Hall, third floor, room 116)

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

Parking

Parking is available at the University in two underground garages, designated LL (lower level) and UL (upper level), as well as in an outside lot. Operators of all vehicles except motorcycles must pay $3.50 per day to park on campus (motorcycles: $1.75 per day). Discount passes are available for an entire semester, a calendar month, or for 10, 30, 45, or 60 individual days of parking. Contact the Parking Office at 617.287.5041 for more information.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617.287.5040.

UMass Boston Campus Map

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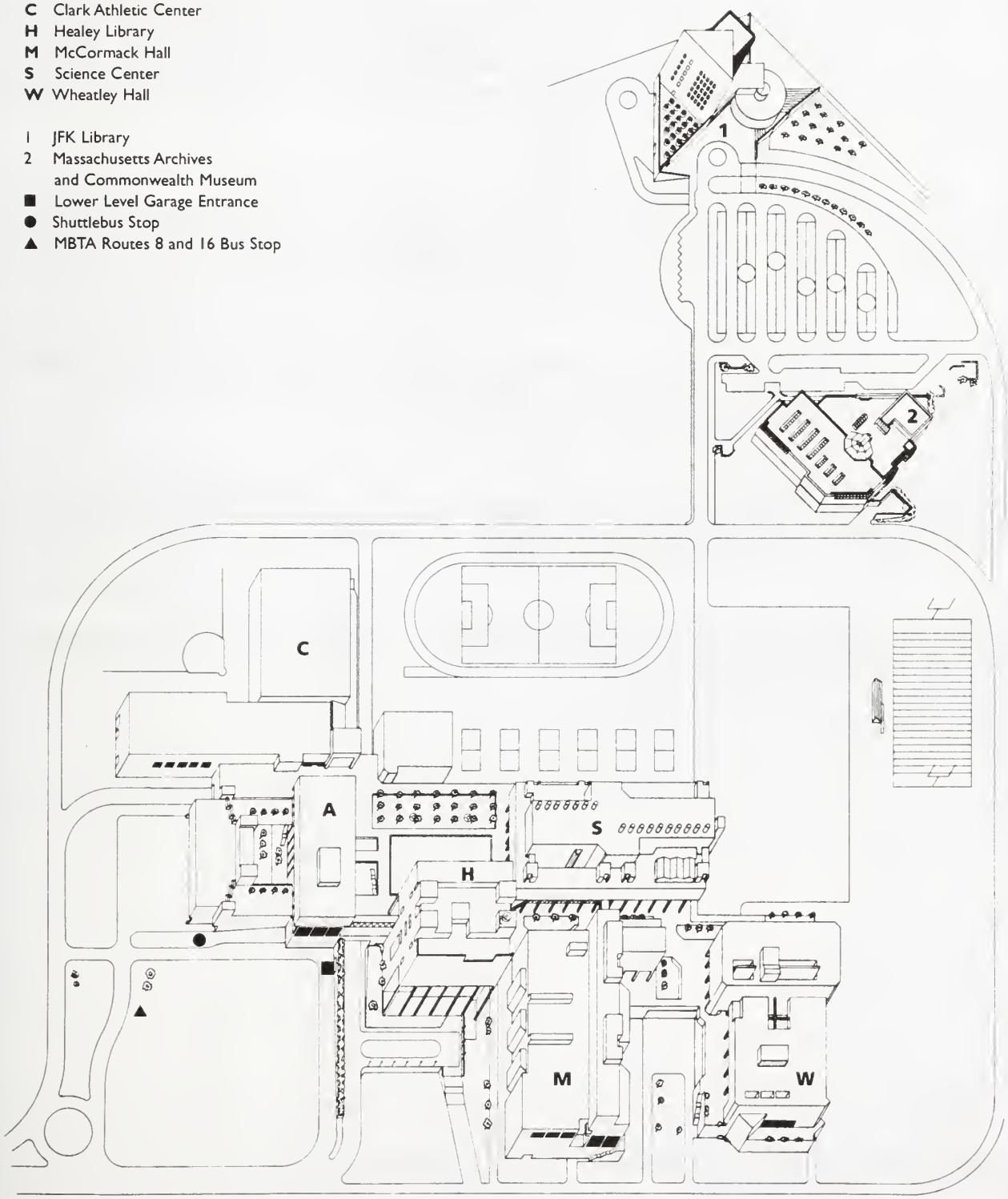
Legend

A Quinn Administration Building
C Clark Athletic Center
H Healey Library
M McCormack Hall
S Science Center
W Wheatley Hall

1 JFK Library
2 Massachusetts Archives and Commonwealth Museum
■ Lower Level Garage Entrance
● Shuttlebus Stop
▲ MBTA Routes 8 and 16 Bus Stop



Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE STUDIES INFORMATION FAIR.

At one of our graduate fairs, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 100 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Enrollment Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393.

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____

Telephone _____

Gender (M or F) _____

Program of particular interest (please also indicate whether graduate or undergraduate) _____

Course Fees

Undergraduate	$145 per credit*
Graduate	$160 per credit*

**Subject to Board of Trustees approval*

Note: The standard course fee for a 1-credit undergraduate course is $145; for a 3-credit course, $435. In a few cases, however, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the course fee is always included as part of the course description.

Lab Fees and Special Course Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions. The lab fee for each course must be paid at the time of registration.

A few courses require special additional fees, which must also be paid at the time of registration. These fees are indicated in the schedule listings.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each summer.

Registration Fee (non-refundable*)	$25.00
Educational Service Fee	10.00
Student Health Fee**	28.00
Student Activities Fee	10.00
Student Athletics Fee	30.00
Transcript Fee (for non-matriculated students)	3.00
Late Registration Fee (when applicable; non-refundable*)	25.00
Returned Check Fee (when applicable)	25.00

*Unless a course has been canceled by the University, the $25 Registration Fee and the $25 Late Registration Fee are not refundable.

**This fee supports the University Health Service; it is not health insurance.

Payments

Students must pay course and service fees in full before their registrations will be accepted. No payment will be accepted after the add/drop deadline. Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

MASTERCARD, VISA, OR DISCOVER

The University will accept payment by MasterCard, VISA, or Discover for all Continuing Education course and service fees. Please fill out the appropriate section of the registration form.

CASH

Cash payments are made only at the Bursar's Office (Quinn Administration Building, second floor; M-F, 9:00am-4:30pm.) After your completed registration form has been verified at the Continuing Education Registration Center (Wheatley Hall, second floor, room 203), you should make a cash payment at the Bursar's Office, where you will be given a receipt. You should then return to the Continuing Education Registration Center and submit the receipt along with your registration form. Registration is not official until this receipt has been submitted.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Continuing Education cannot accept payment arrangements through Academic Management Services (AMS).

Course Fee Waiver Policy

The Division of Continuing Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Credit course fee waiver policies apply only at the standard rate of $145 per undergraduate credit and $160 per graduate credit. Thus, in the case of a credit course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Waivers used for professional training and non-credit courses apply only to the instructional cost of the course or program; the materials and other costs associated with non-credit courses or programs must be paid in full.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full, except in the case of senior citizens (see below).

Anyone eligible for course fee waivers must submit documentation when registering; waivers cannot be used retroactively.

Students using waivers must register during a special waiver registration period (see Academic Calendar, page 70).

Qualified *veterans* are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.

2 The course for which the waiver is being used must be a credit-bearing course.

3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office (tel. 617.287.5875).

4 They must have their registration form approved by the UMass Boston Veterans Affairs Office.

5 Veterans must have served during a period considered by the Commonwealth of Massachusetts, MGL Chapter 4, Section 7, as wartime service.

Senior citizens are eligible for a waiver of all fees (except materials fees and other exceptional course-related fees) upon submission of an acceptable document indicating that the registrant is 60 or older.

Full-time state employees and their spouses are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

The Division of Continuing Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Note: Waivers may not be used for Music 185 (Private Music Lessons; see page 26) and some non-standard courses. For details, call 617.287.7914.

Eligibility for Enrollment

UMass Boston students, students from other institutions, even students who have been out of school for years—all take summer courses at UMass Boston. Credits earned in these courses are normally accepted as transfer credits by other colleges and universities. Summer enrollment does not imply admission to a UMass Boston degree program (if you are interested in seeking admission, see page 64). Students who take UMass Boston courses before entering UMass Boston degree programs may apply up to sixteen undergraduate credits earned before matriculation, or six graduate credits, to UMass Boston degree requirements. Students who have outstanding financial obligations to the University, or who are not in good academic standing, may not enroll.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work. It is the responsibility of students to meet prerequisites for individual courses. Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the Continuing Education Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form. (Note: permission procedures differ for College of Management courses. For details, see page 38.)

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in summer graduate courses, providing they hold a bachelor's degree and meet course prerequisites. Some courses also require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Bilingual/ESL Studies	617.287.5760
Business Administration	617.287.7720
Computer Science	617.287.6440
Counselor Training	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Education	617.287.7625 or 7600
Educational Administration	617.287.7610 or 7600
English	617.287.6700
Instructional Design	617.287.5980 or 7600
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600

SPECIFIC CAS REQUIREMENTS

Many courses described in this publication fulfill College of Arts and Sciences (CAS) distribution requirements, as indicated by a note following the course description that refers to the "Distribution Area" to which the course belongs. Those whose numbers are preceded by "C" are distribution courses which also meet the College's core requirement. Although they are open to non-matriculated students, all of the "distribution courses" meet specific requirements for CAS matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CAS matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (M/3/625; 617.287.5500).

Materials concerning the CAS writing proficiency requirement are available from the Core Curriculum Office (M/4/603; 617.287.6330).

Courses that meet the CAS diversity requirement are identified in a note following the course description. For more information on the diversity requirement, contact the Center for the Improvement of Teaching (W/5/007; 617.287.6767).

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center, McCormack Hall, 3rd floor, room 612, on the dates below. The diagnostic test in English is required only for non-native speakers. For further information on these tests, look under Academic Skills (page 6), Computer Science (page 14), English as a Second Language (page 20), and Mathematics (page 24).

DATE/DAY	TIME
April 25 (Tu)	5:00pm
April 26 (W)	3:00pm
April 27 (Th)	1:00pm
May 1 (M)	5:00pm
May 2 (Tu)	1:00pm
May 3 (W)	3:00pm
May 8 (M)	10:30am
May 9 (Tu)	3:00pm
May 10 (W)	2:00pm
May 11 (Th)	5:00pm
May 12 (F)	10:30am
May 16 (Tu)	1:00pm
May 18 (Th)	1:00pm
May 24 (W)	3:00pm
May 25 (Th)	5:00pm
May 26 (F)	10:30am
May 30 (Tu)	10:00am
May 31 (W)	5:00pm
July 6 (Th)	5:30pm
July 10 (M)	11:00pm
July 13 (Th)	5:30pm
July 17 (M)	11:00am

Tests are given at the hours specified above; please arrive on time. Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams. For further information, please call 617.287.5522.

Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Continuing Education Office, 617.287.7914.

Advising

Academic advising is available during the day or evening, by appointment, at the Continuing Education Office. For more information, call Ed Zaleskas at 617.287.7900.

Independent Study

Only matriculated UMass Boston students may register for Independent Study.

With the approval of the department and the satisfaction of any departmental prerequisite(s), undergraduates can register for independent study through the Scheduling Office, located in the Registrar's Office on the first floor of the Quinn Administration Building. Undergraduates pay University course fees as specified in the Spring 2000 Schedule of Courses.

With graduate program approval, graduate students can register for independent study through the Division of Continuing Education at normal Continuing Education course fees.

Internships and Cooperative Education

The College of Management and the departments of Political Science and Sociology offer credit for internships and cooperative education sections during the summer. Only matriculated UMass Boston students may register, and each department has its own requirements. For further information, contact:

College of Management: Career Resources Center, 617.287.7760

Political Science: Prof. Paul Watanabe, 617.287.5652

Sociology: Prof. Gerald Garrett, 617.287.6250

Grades

Grades reported by instructors are listed below, with numerical values indicated for grades A through F.

A	4.0
A–	3.75
B+	3.25
B	3.0
B–	2.75
C+	2.25
C	2.0
C–	1.75
D+	1.25
D	1.0
D–	0.75
F	0.0
P	Pass (in a pass/fail course)
Inc	Incomplete
Y	Interim grade in a declared year-long course
W	Withdrew
NA	Did not attend

Instructors may report a grade of "Inc" if personal circumstances of extreme difficulty, such as serious illness, have kept a student from completing a portion of his or her required class work or from taking a final examination, or if an Incomplete is warranted for scholarly reasons. If a student's record is such that he or she would fail a course regardless of the quality of work yet to be done, an "F" will be reported.

A student can obtain credit for an Incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an "F." The initiative for removal of the Incomplete grade rests with the student.

An incomplete on a final grade report is not represented in the student's temporary grade point average. When the incomplete is later converted to a grade, the average is calculated again and the student is notified.

Once a grade is submitted, it cannot be changed except by approval of the department chairperson.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, credits for the course count as graduation credits, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five credits cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, page 70). Pass/fail forms are available at the Summer Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the Summer Registration Center at the Boston Campus (Wheatley Hall, second floor, room 203). A student withdrawing from a course does not receive a refund. Failure to withdraw on or before the withdrawal deadline (see Academic Calendar) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing

MATRICULATED STUDENTS

A matriculated student who has been dismissed or suspended, or who is on academic probation, may not register for Continuing Education courses, and may not enroll as a non-matriculated student. For more complete information regarding retention, please refer to the "Academic Regulations" section of the UMass Boston undergraduate catalog.

NON-MATRICULATED STUDENTS

All non-matriculated students are subject to the following minimum retention standards:

Total UMass Boston credits	Minimum cumulative average
1-11	1.75
12 and above	2.00

A non-matriculated student who does not meet these retention standards shall be dismissed from the University. All appeals for reinstatement should be directed to the Faculty Council Committee on Standards and Credit. The materials required for such an appeal are 1) a typed letter of appeal stating a) the reasons leading to the academic standing; b) the student's academic goals; and 2) transcripts from other schools attended. A letter of recommendation from a UMass Boston faculty member is optional. These materials should be submitted to: Faculty Council Committee on Standards and Credit, Registrar's Office, University of Massachusetts Boston, 100 Morrissey Blvd., Boston, MA 02125-3393. The deadlines for submitting reinstatement appeals are June 1 for summer or fall registration and November 1 for spring registration.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in Continuing Education courses should contact their college or university concerning specific transfer requirements.

UMass Boston credits are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each Continuing Education course in which the student wishes to enroll for transfer credit.

Transcripts

All students who wish transcripts sent to other schools must complete transcript request forms in the Registrar's Office (1st floor, Quinn Administration Building) or call 617.287.6224.

Academic Calendar for Summer Courses

Session I	"A" Session Six-Week Courses May 30-July 12	"R" Session Four-Week Courses May 30-June 29	"Q" Session Nine-Week Courses May 30-July 27
Registration begins	April 3 (M)	April 3 (M)	April 3 (M)
Waiver registration begins*	May 15 (M)	May 15 (M)	May 15 (M)
Registration deadline	May 17 (W)	May 17 (W)	May 17 (W)
Late registration begins**	May 18 (Th)	May 18 (Th)	May 18 (Th)
Classes begin	May 30 (Tu)	May 30 (Tu)	May 30 (Tu)
Add/drop deadline	June 6 (Tu)	June 6 (Tu)	June 6 (Tu)
Pass/fail–withdrawal deadline	June 20 (Tu)	June 13 (Tu)	July 11 (Tu)
Last day of class	July 12 (W)	June 29 (Th)	July 27 (Th)
REFUND SCHEDULE***			
Deadline for 100% refund	June 1 (Th)	June 1 (Th)	June 2 (F)
Deadline for 50% refund	June 6 (Tu)	June 2 (F)	June 7 (W)

Session II	"B" Session Six-Week Courses July 17-August 24	"T" Session Four-Week Courses July 5-August 3	"C" Session Three-Week Courses July 17-August 3
Registration begins	April 3 (M)	April 3 (M)	April 3 (M)
Waiver registration begins*	July 3 (M)	June 22 (Th)	July 3 (M)
Registration deadline	July 6 (Th)	June 23 (F)	July 6 (Th)
Late registration begins**	July 7 (F)	June 26 (M)	July 7 (F)
Classes begin	July 17 (M)	July 5 (W)	July 17 (M)
Add/drop deadline	July 24 (M)	July 12 (W)	July 24 (M)
Pass/fail–withdrawal deadline	August 8 (Tu)	July 18 (Tu)	July 25 (Tu)
Last day of class	August 24 (Th)	August 3 (Th)	August 3 (Th)
REFUND SCHEDULE***			
Deadline for 100% refund	July 19 (W)	July 7 (F)	July 18 (Tu)
Deadline for 50% refund	July 21 (F)	July 11 (Tu)	July 19 (W)

*Waiver registrations will only be accepted for courses held in the session indicated.
**A $25 late fee will be assessed for all registrations (including waiver registrations) conducted during this period.
***For information on refund policies and procedures, see facing page. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Holidays

The University will be closed on the following days:

Patriots' Day	April 17 (M)
Memorial Day	May 29 (M)
Bunker Hill Day	June 17 (S)
Independence Day	July 4 (Tu)

Registration Hours

Monday-Thursday, 8:30am-6:00pm
(open 8:30am-7:00pm on the following days: May 16-17, May 30-June 1, June 5-6, July 17-20, July 24)

Friday, 9:00am-4:00pm

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register from April 3 through May 17 for all summer courses. After May 17, registration for the second six-week session, the second four-week session, and the three-week session is possible until the deadlines indicated in the Academic Calendar.

It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Late registration will take place during the periods listed in the Academic Calendar. Late registration is also possible between the first class meeting and the add/drop deadline (see Academic Calendar); in this case, permission of the instructor is required. Students registering late must pay a $25 fee.

How to Register

Students may use any of the following methods to register:

TELEPHONE REGISTRATION

To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 9:00am-4:00pm. Payment can be made only by credit card (MasterCard, VISA, or Discover). Please fill out the registration form on the opposite page and be ready to refer to it before calling.

MAIL OR FAX REGISTRATION

To register by mail or fax, fill out the registration form on the opposite page. Send it with full payment to the address indicated on the form or fax it to 617.287.7922. For mail registration, payment can be made by check or credit card (MasterCard, VISA, or Discover). For fax registration, payment can be made only by credit card. Mail registrations must be postmarked by the registration deadline for the applicable session (see Academic Calendar). Registrations received after that date will be assessed a $25 late fee.

WALK-IN REGISTRATION

Walk-in registration takes place at the Summer Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm (May 16-17, May 30-June 1, June 5-6, July 17-20 and July 24, 8:30am-7:00pm), and Friday, 9:00am-4:00pm.

Payment can be made by check, credit card (MasterCard, Visa, or Discover), or cash (Note: Cash payments can only be made at the Bursar's Office, which is open until 4:30pm). For details, see "Payments" (page 65).

Note: All registrations are accepted on the basis of available space. Full payment is required before registrations are accepted.

Adding and Dropping Courses

Students may add or drop courses before the add/ drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the Continuing Education Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped).

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled may register for another course or request a refund. The course fee will be refunded in full to any student who has paid for a canceled course and does not wish to register for another course in its place. If all courses for which the student has registered are canceled, service fees will also be refunded.

Refund Policy

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (page 70). Non-attendance does not constitute dropping a course.

Note: Some *special programs* and non-standard courses have a different refund policy. For details, call 617.287.7915.

Non-credit programs do not follow the Academic Calendar and have their own refund schedules, which can be found under individual program listings.

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student must initiate the refund procedure by notifying the Continuing Education Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the Continuing Education Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment with MasterCard, VISA, or Discover, the refund must be returned as a credit to the cardholder's account. Please be sure to provide the number of the account to be credited. Unless a course has been canceled by the University, the $25 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

Refunds of credit card payments will usually be processed within four to five business days.

Refunds of payments made by check will take ten to fifteen business days.

Registration Form • Summer 2000 Courses

Social Security #: ___ - ___ - ____

Name
Last First Middle Initial

Address
No. & Street

City State Zip

Daytime Phone ( ) **Evening Phone** ( )

E-mail address

CE Staff Initials

Sex ○ Male ○ Female **Date of Birth**
Month Day Year

Postmark Date

If you have already registered for summer courses, do not use this form. Instead, to register for additional courses or to drop a course, you must obtain a Change of Registration form from the Continuing Education Office.

Are you a current UMass Boston student?

○ Non-Matriculated
○ Undergraduate Major _____
○ Graduate Major _____

If you are a student at other college or university

Where? _____

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other _____

Please follow the example below when indicating course selections. Be sure to include six-digit schedule numbers.

Sched. No.	Department and Course Number	Title	Session (I or II)	Faculty Initials (if necessary)	Credits		Course Fee/ Credit*		Lab Fee (if any)		Total Course and Lab Fee
123456	Art 123	Sample Course	I	—	3	x	145	+	—	=	435

Course Selections

Sched. No.	Department and Course Number	Title	Session (I or II)	Faculty Initials (if necessary)	Credits		Course Fee/ Credit*		Lab Fee (if any)		Total Course and Lab Fee
						x		+		=	
						x		+		=	
						x		+		=	
						x		+		=	

For Continuing Education Office Use Only

	Summer I		Summer II		C/C/W	
	Ses		Ses		Code	Amt
	UGrad		UGrad			
	Grad		Grad			
	Occ		Occ			
	Cct		Cct			
	Reg		Reg			
	Eds		Eds			
	Late		Late			
	Rsvce		Rsvce			
	A/H/A		A/H/A			
	Total		Total			Total

Method of Payment

○ MasterCard ○ Check
○ Discover Card ○ Waiver
○ VISA ○ Other

Send checks
(payable to UMass Boston) to:
UMass Boston
Continuing Education, Box C
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7922

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk-in

Full payment must accompany all registrations. Cash payments can be made only at the Bursar's Office before 4:30pm.

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards. To do so, please provide the information requested.

___ - ___ - ___ - ___
Account Number

Expiration Date

Student Signature

Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by:

***Course Fees**

Undergraduate	$145/credit
Graduate	$160/credit

Please calculate payment below.

Course and Lab Fees (total)

Total Service Fees $103

Subtotal

Transcript Fee**

Late Fee***

Total Payment Enclosed

**$3; required of non-matriculated students
***$25 if applicable; see "When to Register," page

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- SQL Queries for Oracle

Programming
- Visual Basic
- C++
- Java
- HTML

Publishing
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- QuarkXPress

Certification
- MCSE
- A+
- Webmastering

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For more information, call **617.287.7876**
or visit our website at **www.conted.umb.edu**.

University of Massachusetts Boston
Division of Continuing Education
100 Morrissey Boulevard
Boston, MA 02125-3393

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